

Appendix A: Bracher Elementary Detailed Emissions Report

Bracher Elementary Phase 1 Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Bracher Elementary Phase 1 Construction
Construction Start Date	1/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	32.8
Location	37.36679288129751, -121.97473638580811
County	Santa Clara
City	Santa Clara
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1762
EDFZ	1
Electric Utility	Silicon Valley Power
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Elementary School	86.0	1000sqft	1.97	22,000	10,000	0.00	—	—
Other Asphalt Surfaces	70.0	1000sqft	1.61	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.07	0.90	7.93	9.10	0.02	0.32	0.10	0.42	0.29	0.02	0.32	—	1,913	1,913	0.08	0.03	0.57	1,925
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.0	14.0	42.5	23.6	0.20	0.67	7.93	8.59	0.59	2.16	2.63	—	30,832	30,832	2.55	4.75	1.70	32,314
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.94	0.78	7.87	7.44	0.02	0.26	0.60	0.86	0.23	0.18	0.42	—	2,959	2,959	0.19	0.28	1.72	3,049
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.17	0.14	1.44	1.36	< 0.005	0.05	0.11	0.16	0.04	0.03	0.08	—	490	490	0.03	0.05	0.28	505

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.07	0.90	7.93	9.10	0.02	0.32	0.10	0.42	0.29	0.02	0.32	—	1,913	1,913	0.08	0.03	0.57	1,925

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.55	1.56	42.5	23.6	0.20	0.67	7.93	8.59	0.59	2.16	2.63	—	30,832	30,832	2.55	4.75	1.70	32,314
2026	14.0	14.0	7.52	8.95	0.02	0.29	0.10	0.39	0.26	0.02	0.29	—	1,904	1,904	0.08	0.03	0.01	1,916
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.94	0.68	7.87	7.44	0.02	0.26	0.60	0.86	0.23	0.18	0.42	—	2,959	2,959	0.19	0.28	1.72	3,049
2026	0.80	0.78	0.75	0.97	< 0.005	0.03	0.01	0.04	0.03	< 0.005	0.03	—	183	183	0.01	< 0.005	0.02	184
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.17	0.12	1.44	1.36	< 0.005	0.05	0.11	0.16	0.04	0.03	0.08	—	490	490	0.03	0.05	0.28	505
2026	0.15	0.14	0.14	0.18	< 0.005	0.01	< 0.005	0.01	< 0.005	< 0.005	0.01	—	30.4	30.4	< 0.005	< 0.005	< 0.005	30.5

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.48	1.24	11.5	10.4	0.02	0.47	—	0.47	0.43	—	0.43	—	1,764	1,764	0.07	0.01	—	1,770
Demolition	—	—	—	—	—	—	0.19	0.19	—	0.03	0.03	—	—	—	—	—	—	—

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Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.63	0.57	< 0.005	0.03	—	0.03	0.02	—	0.02	—	96.6	96.6	< 0.005	< 0.005	—	97.0
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.0	16.0	< 0.005	< 0.005	—	16.1
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	59.5	59.5	< 0.005	< 0.005	0.01	60.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.32	0.15	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	247	247	0.02	0.04	0.01	259
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.30	3.30	< 0.005	< 0.005	0.01	3.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	13.5	13.5	< 0.005	< 0.005	0.01	14.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.24	2.24	< 0.005	< 0.005	< 0.005	2.35

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27	1.07	10.2	9.42	0.02	0.44	—	0.44	0.41	—	0.41	—	1,668	1,668	0.07	0.01	—	1,674
Dust From Material Movement	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	22.9	22.9	< 0.005	< 0.005	—	22.9

Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.78	3.78	< 0.005	< 0.005	—	3.80
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.7	39.7	< 0.005	< 0.005	< 0.005	40.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.56
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.09	0.09	< 0.005	< 0.005	< 0.005	0.09

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Excavation and Remediation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	3.03	4.83	0.01	0.11	—	0.11	0.10	—	0.10	—	723	723	0.03	0.01	—	725	
Dust From Material Movement	—	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.02	0.17	0.26	< 0.005	0.01	—	0.01	0.01	—	0.01	—	39.6	39.6	< 0.005	< 0.005	—	39.7	
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.55	6.55	< 0.005	< 0.005	—	6.58
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	59.5	59.5	< 0.005	< 0.005	0.01	60.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	3.15	0.61	39.5	18.5	0.19	0.55	7.78	8.33	0.37	2.13	2.50	—	30,050	30,050	2.51	4.74	1.70	31,528
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.30	3.30	< 0.005	< 0.005	0.01	3.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.17	0.03	2.12	1.01	0.01	0.03	0.42	0.45	0.02	0.11	0.14	—	1,646	1,646	0.14	0.26	1.55	1,729
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.55	0.55	< 0.005	< 0.005	< 0.005	0.55
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.39	0.18	< 0.005	0.01	0.08	0.08	< 0.005	0.02	0.02	—	273	273	0.02	0.04	0.26	286

3.7. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.82	1.53	14.1	14.1	0.02	0.64	—	0.64	0.59	—	0.59	—	2,378	2,378	0.10	0.02	—	2,387
Dust From Material Movement	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.31	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	52.1	52.1	< 0.005	< 0.005	—	52.3
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.63	8.63	< 0.005	< 0.005	—	8.66

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.4	79.4	< 0.005	< 0.005	0.01	80.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.76	1.76	< 0.005	< 0.005	< 0.005	1.78
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	0.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.78	8.66	0.02	0.32	—	0.32	0.29	—	0.29	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.03	0.86	7.78	8.66	0.02	0.32	—	0.32	0.29	—	0.29	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	0.49	4.40	4.90	0.01	0.18	—	0.18	0.17	—	0.17	—	982	982	0.04	0.01	—	986
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.80	0.89	< 0.005	0.03	—	0.03	0.03	—	0.03	—	163	163	0.01	< 0.005	—	163
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.03	0.02	0.38	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	79.2	79.2	< 0.005	< 0.005	0.31	80.4
Vendor	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.3	97.3	0.01	0.01	0.26	102
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.32	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	73.4	73.4	< 0.005	< 0.005	0.01	74.4
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	97.3	97.3	0.01	0.01	0.01	102
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.9	41.9	< 0.005	< 0.005	0.08	42.5
Vendor	0.01	< 0.005	0.07	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	55.0	55.0	< 0.005	0.01	0.06	57.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.94	6.94	< 0.005	< 0.005	0.01	7.04
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.11	9.11	< 0.005	< 0.005	0.01	9.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipm	0.99	0.82	7.37	8.59	0.02	0.29	—	0.29	0.26	—	0.26	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.48	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	112	112	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.6	18.6	< 0.005	< 0.005	—	18.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.30	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	72.0	72.0	< 0.005	< 0.005	0.01	73.0
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	95.7	95.7	0.01	0.01	0.01	100.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.70	4.70	< 0.005	< 0.005	0.01	4.77
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.17	6.17	< 0.005	< 0.005	0.01	6.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.78	0.78	< 0.005	< 0.005	< 0.005	0.79
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.02	1.02	< 0.005	< 0.005	< 0.005	1.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	0.46	4.39	6.39	0.01	0.19	—	0.19	0.17	—	0.17	—	978	978	0.04	0.01	—	981
Paving	0.23	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.22	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	48.2	48.2	< 0.005	< 0.005	—	48.4
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	< 0.005	< 0.005	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.98	7.98	< 0.005	< 0.005	—	8.01
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.41	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	97.4	97.4	< 0.005	< 0.005	0.01	98.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.85	4.85	< 0.005	< 0.005	0.01	4.92
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.80	0.80	< 0.005	< 0.005	< 0.005	0.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	13.8	13.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.58	6.58	< 0.005	< 0.005	—	6.61
Architectural Coatings	0.68	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.09	1.09	< 0.005	< 0.005	—	1.09
Architectural Coatings	0.12	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	< 0.005	14.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.72	0.72	< 0.005	< 0.005	< 0.005	0.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.12	0.12	< 0.005	< 0.005	< 0.005	0.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2025	1/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	2/27/2025	3/5/2025	5.00	5.00	—
Excavation and Remediation	Site Preparation	1/30/2025	2/26/2025	5.00	20.0	—
Grading	Grading	3/6/2025	3/17/2025	5.00	8.00	—
Building Construction	Building Construction	3/18/2025	2/2/2026	5.00	230	—
Paving	Paving	2/3/2026	2/26/2026	5.00	18.0	—
Architectural Coating	Architectural Coating	2/27/2026	3/24/2026	5.00	18.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Excavation and Remediation	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Excavation and Remediation	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38

Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	6.00	36.0	0.38
Paving	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	7.50	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	3.45	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	11.7	LDA,LDT1,LDT2

Site Preparation	Vendor	—	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	11.7	LDA,LDT1,LDT2
Grading	Vendor	—	8.40	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	9.24	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	3.61	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	11.7	LDA,LDT1,LDT2
Paving	Vendor	—	8.40	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	1.85	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Excavation and Remediation	—	—	—	—
Excavation and Remediation	Worker	7.50	11.7	LDA,LDT1,LDT2
Excavation and Remediation	Vendor	—	8.40	HHDT,MHDT
Excavation and Remediation	Hauling	419	20.0	HHDT
Excavation and Remediation	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	33,000	11,000	4,200

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	6,000	—
Site Preparation	0.00	0.00	2.50	0.00	—
Excavation and Remediation	32,100	35,000	0.00	0.00	—
Grading	0.00	0.00	8.00	0.00	—
Paving	0.00	0.00	0.00	0.00	1.61

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
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Elementary School	0.00	0%
Other Asphalt Surfaces	1.61	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	387	0.03	< 0.005
2026	0.00	387	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.8	annual days of extreme heat
Extreme Precipitation	2.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento–San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	16.8
AQ-PM	19.3

AQ-DPM	79.0
Drinking Water	50.2
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	36.7
Traffic	74.9
Effect Indicators	—
CleanUp Sites	94.0
Groundwater	92.1
Haz Waste Facilities/Generators	85.7
Impaired Water Bodies	23.9
Solid Waste	22.1
Sensitive Population	—
Asthma	19.3
Cardio-vascular	28.8
Low Birth Weights	84.2
Socioeconomic Factor Indicators	—
Education	41.9
Housing	42.8
Linguistic	62.7
Poverty	33.2
Unemployment	11.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	84.39625305

Employed	98.6141409
Median HI	89.1954318
Education	—
Bachelor's or higher	78.44219171
High school enrollment	100
Preschool enrollment	90.77377133
Transportation	—
Auto Access	75.69613756
Active commuting	53.81752855
Social	—
2-parent households	94.44373155
Voting	87.51443603
Neighborhood	—
Alcohol availability	69.63941999
Park access	54.22815347
Retail density	53.77903247
Supermarket access	42.46118311
Tree canopy	78.73732837
Housing	—
Homeownership	77.35146927
Housing habitability	71.4744001
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	44.34749134
Uncrowded housing	44.45014757
Health Outcomes	—
Insured adults	85.29449506
Arthritis	54.3
Asthma ER Admissions	86.8

High Blood Pressure	48.4
Cancer (excluding skin)	27.6
Asthma	83.3
Coronary Heart Disease	63.8
Chronic Obstructive Pulmonary Disease	79.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	82.1
Cognitively Disabled	82.5
Physically Disabled	45.1
Heart Attack ER Admissions	72.6
Mental Health Not Good	85.8
Chronic Kidney Disease	64.9
Obesity	83.0
Pedestrian Injuries	88.4
Physical Health Not Good	82.3
Stroke	75.8
Health Risk Behaviors	—
Binge Drinking	71.2
Current Smoker	89.0
No Leisure Time for Physical Activity	76.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	8.1
Elderly	42.0
English Speaking	52.7
Foreign-born	62.2
Outdoor Workers	62.0

Climate Change Adaptive Capacity	—
Impervious Surface Cover	51.8
Traffic Density	58.4
Traffic Access	72.9
Other Indices	—
Hardship	19.2
Other Decision Support	—
2016 Voting	83.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	50.0
Healthy Places Index Score for Project Location (b)	95.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
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Land Use	Updated Building Square Feet based on master plan site plan received 2/24/23.
Construction: Off-Road Equipment	Updated equipment number for excavator, dozer, tractor/backhoe, cement/mortar mixers, paving equipment, and rollers to 1; and updated equipment number for forklift to 2 to reflect the size of Phase 1A site plan received 2/24/23. Updated excavation and remediation phase equipment type and number to include one excavator and two loaders.
Construction: Construction Phases	Updated construction phase schedule to include excavation and remediation phase for soil off-haul.

Bracher Elementary End Phase Construction Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Bracher Elementary End Phase Construction
Construction Start Date	1/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	32.8
Location	37.366807251383804, -121.97480741127518
County	Santa Clara
City	Santa Clara
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1762
EDFZ	1
Electric Utility	Silicon Valley Power
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.17

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Elementary School	216	1000sqft	4.96	24,000	45,000	0.00	—	—

Other Asphalt Surfaces	24.0	1000sqft	0.55	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.03	0.86	7.52	9.04	0.02	0.29	0.11	0.40	0.26	0.03	0.29	—	1,926	1,926	0.08	0.03	0.56	1,938
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.75	13.0	12.9	13.9	0.02	0.58	2.84	3.42	0.53	1.36	1.89	—	2,457	2,457	0.10	0.04	0.01	2,466
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.80	0.79	5.86	6.71	0.01	0.23	0.30	0.53	0.21	0.13	0.34	—	1,388	1,388	0.06	0.02	0.16	1,396
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.15	0.14	1.07	1.22	< 0.005	0.04	0.06	0.10	0.04	0.02	0.06	—	230	230	0.01	< 0.005	0.03	231

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.03	0.86	7.52	9.04	0.02	0.29	0.11	0.40	0.26	0.03	0.29	—	1,926	1,926	0.08	0.03	0.56	1,938
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.75	1.47	12.9	13.9	0.02	0.58	2.84	3.42	0.53	1.36	1.89	—	2,457	2,457	0.10	0.04	0.01	2,466
2027	0.99	13.0	7.19	8.93	0.02	0.26	0.11	0.37	0.24	0.03	0.27	—	1,916	1,916	0.08	0.03	0.01	1,928
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.80	0.66	5.86	6.71	0.01	0.23	0.30	0.53	0.21	0.13	0.34	—	1,388	1,388	0.06	0.02	0.16	1,396
2027	0.09	0.79	0.67	0.89	< 0.005	0.02	0.01	0.04	0.02	< 0.005	0.03	—	169	169	0.01	< 0.005	0.02	170
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.15	0.12	1.07	1.22	< 0.005	0.04	0.06	0.10	0.04	0.02	0.06	—	230	230	0.01	< 0.005	0.03	231
2027	0.02	0.14	0.12	0.16	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	28.0	28.0	< 0.005	< 0.005	< 0.005	28.1

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.41	1.18	10.7	9.91	0.02	0.43	—	0.43	0.39	—	0.39	—	1,764	1,764	0.07	0.01	—	1,771

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Demolition	—	—	—	—	—	—	0.13	0.13	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.06	0.58	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	96.7	96.7	< 0.005	< 0.005	—	97.0
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.0	16.0	< 0.005	< 0.005	—	16.1
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58.4	58.4	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.02	< 0.005	0.21	0.10	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	162	162	0.01	0.03	0.01	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.24	3.24	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.85	8.85	< 0.005	< 0.005	0.01	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.46	1.46	< 0.005	< 0.005	< 0.005	—

3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21	1.01	9.38	8.97	0.02	0.40	—	0.40	0.37	—	0.37	—	1,669	1,669	0.07	0.01	—	1,675
Dust From Material Movement:	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.26	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.7	45.7	< 0.005	< 0.005	—	45.9
Dust From Material Movement:	—	—	—	—	—	—	0.07	0.07	—	0.04	0.04	—	—	—	—	—	—	—

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Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.57	7.57	< 0.005	< 0.005	—	7.60
Dust From Material Movement:	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.9	38.9	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.5. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.72	1.44	12.9	13.6	0.02	0.58	—	0.58	0.53	—	0.53	—	2,379	2,379	0.10	0.02	—	2,387
Dust From Material Movement:	—	—	—	—	—	—	2.76	2.76	—	1.34	1.34	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.71	0.75	< 0.005	0.03	—	0.03	0.03	—	0.03	—	130	130	0.01	< 0.005	—	131
Dust From Material Movement:	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.13	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	21.6	21.6	< 0.005	< 0.005	—	21.7

Dust From Material Movement:	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.33	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	77.9	77.9	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.31	4.31	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.71	0.71	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.7. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.82	7.37	8.59	0.02	0.29	—	0.29	0.26	—	0.26	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99	0.82	7.37	8.59	0.02	0.29	—	0.29	0.26	—	0.26	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	0.47	4.21	4.91	0.01	0.16	—	0.16	0.15	—	0.15	—	992	992	0.04	0.01	—	996
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.09	0.77	0.90	< 0.005	0.03	—	0.03	0.03	—	0.03	—	164	164	0.01	< 0.005	—	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.38	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	84.8	84.8	< 0.005	< 0.005	0.31	—
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	104	104	0.01	0.02	0.25	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.33	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	78.5	78.5	< 0.005	< 0.005	0.01	—
Vendor	0.01	< 0.005	0.14	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	104	104	0.01	0.02	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	45.4	45.4	< 0.005	< 0.005	0.08	—
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	59.6	59.6	< 0.005	0.01	0.06	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.51	7.51	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.87	9.87	< 0.005	< 0.005	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.9. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.79	7.03	8.56	0.02	0.26	—	0.26	0.24	—	0.24	—	1,737	1,737	0.07	0.01	—	1,743
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

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Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.43	0.52	< 0.005	0.02	—	0.02	0.01	—	0.01	—	105	105	< 0.005	< 0.005	—	106
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.4	17.4	< 0.005	< 0.005	—	17.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.31	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	77.1	77.1	< 0.005	< 0.005	0.01	—
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	102	102	0.01	0.02	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.73	4.73	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.20	6.20	< 0.005	< 0.005	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.78	0.78	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.11. Paving (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.37	3.47	4.98	0.01	0.15	—	0.15	0.14	—	0.14	—	756	756	0.03	0.01	—	758
Paving	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	41.4	41.4	< 0.005	< 0.005	—	41.5
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.85	6.85	< 0.005	< 0.005	—	6.88
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.23	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.4	57.4	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.18	3.18	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.53	0.53	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.13. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architect ural Coatings	—	12.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.32	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	—	0.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.21	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.4	15.4	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.85	0.85	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2026	1/29/2026	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2026	2/13/2026	5.00	10.0	—
Grading	Grading	2/14/2026	3/14/2026	5.00	20.0	—
Building Construction	Building Construction	3/15/2026	1/31/2027	5.00	230	—
Paving	Paving	2/1/2027	3/1/2027	5.00	20.0	—
Architectural Coating	Architectural Coating	3/2/2027	3/30/2027	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	7.50	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	2.30	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	11.7	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	10.0	11.7	LDA,LDT1,LDT2
Grading	Vendor	—	8.40	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	10.1	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	3.93	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	7.50	11.7	LDA,LDT1,LDT2
Paving	Vendor	—	8.40	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	2.02	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	36,000	12,000	1,440

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	4,000	—
Site Preparation	0.00	0.00	5.00	0.00	—
Grading	0.00	0.00	20.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.55

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
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Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0.00	0%
Other Asphalt Surfaces	0.55	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	387	0.03	< 0.005
2027	0.00	387	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.8	annual days of extreme heat
Extreme Precipitation	2.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	1	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	16.8
AQ-PM	19.3
AQ-DPM	79.0
Drinking Water	50.2
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	36.7
Traffic	74.9
Effect Indicators	—
CleanUp Sites	94.0
Groundwater	92.1
Haz Waste Facilities/Generators	85.7
Impaired Water Bodies	23.9
Solid Waste	22.1
Sensitive Population	—
Asthma	19.3
Cardio-vascular	28.8
Low Birth Weights	84.2
Socioeconomic Factor Indicators	—
Education	41.9
Housing	42.8

Linguistic	62.7
Poverty	33.2
Unemployment	11.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	84.39625305
Employed	98.6141409
Median HI	89.1954318
Education	—
Bachelor's or higher	78.44219171
High school enrollment	100
Preschool enrollment	90.77377133
Transportation	—
Auto Access	75.69613756
Active commuting	53.81752855
Social	—
2-parent households	94.44373155
Voting	87.51443603
Neighborhood	—
Alcohol availability	69.63941999
Park access	54.22815347
Retail density	53.77903247
Supermarket access	42.46118311
Tree canopy	78.73732837

Housing	—
Homeownership	77.35146927
Housing habitability	71.4744001
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	44.34749134
Uncrowded housing	44.45014757
Health Outcomes	—
Insured adults	85.29449506
Arthritis	54.3
Asthma ER Admissions	86.8
High Blood Pressure	48.4
Cancer (excluding skin)	27.6
Asthma	83.3
Coronary Heart Disease	63.8
Chronic Obstructive Pulmonary Disease	79.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	82.1
Cognitively Disabled	82.5
Physically Disabled	45.1
Heart Attack ER Admissions	72.6
Mental Health Not Good	85.8
Chronic Kidney Disease	64.9
Obesity	83.0
Pedestrian Injuries	88.4
Physical Health Not Good	82.3
Stroke	75.8
Health Risk Behaviors	—

Binge Drinking	71.2
Current Smoker	89.0
No Leisure Time for Physical Activity	76.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	8.1
Elderly	42.0
English Speaking	52.7
Foreign-born	62.2
Outdoor Workers	62.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	51.8
Traffic Density	58.4
Traffic Access	72.9
Other Indices	—
Hardship	19.2
Other Decision Support	—
2016 Voting	83.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	50.0
Healthy Places Index Score for Project Location (b)	95.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Updated building square feet and landscape area based on master plan site plan received 2/24/23.
Construction: Off-Road Equipment	Updated number of equipment to reflect project size.
Construction: Dust From Material Movement	—

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Bracher Elementary Operations Existing
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	32.8
Location	37.36680328972729, -121.9747350545268
County	Santa Clara
City	Santa Clara
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1762
EDFZ	1
Electric Utility	Silicon Valley Power
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Elementary School	665	Student	12.0	65,000	230,000	0.00	—	—

Other Asphalt Surfaces	32.3	1000sqft	0.74	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.26	8.30	5.24	51.3	0.10	0.13	8.86	8.99	0.12	2.25	2.37	68.5	11,417	11,486	7.44	0.44	46.1	11,848
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.46	7.50	6.01	46.1	0.10	0.12	8.86	8.98	0.12	2.25	2.37	68.5	10,787	10,856	7.52	0.48	1.44	11,189
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.82	6.00	4.28	33.3	0.07	0.11	6.20	6.30	0.10	1.57	1.67	68.5	8,109	8,178	7.33	0.34	14.4	8,475
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.88	1.10	0.78	6.09	0.01	0.02	1.13	1.15	0.02	0.29	0.31	11.3	1,343	1,354	1.21	0.06	2.38	1,403

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.68	6.21	4.49	47.9	0.10	0.07	8.86	8.93	0.06	2.25	2.31	—	10,221	10,221	0.49	0.42	45.8	10,405
Area	0.50	2.05	0.02	2.82	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.7
Energy	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,161	1,161	0.10	< 0.005	—	1,165
Water	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Waste	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	7.26	8.30	5.24	51.3	0.10	0.13	8.86	8.99	0.12	2.25	2.37	68.5	11,417	11,486	7.44	0.44	46.1	11,848
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.38	5.88	5.30	45.5	0.09	0.07	8.86	8.93	0.06	2.25	2.31	—	9,603	9,603	0.56	0.47	1.19	9,758
Area	—	1.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,161	1,161	0.10	< 0.005	—	1,165
Water	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Waste	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	6.46	7.50	6.01	46.1	0.10	0.12	8.86	8.98	0.12	2.25	2.37	68.5	10,787	10,856	7.52	0.48	1.44	11,189
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.49	4.15	3.55	31.4	0.07	0.05	6.20	6.24	0.05	1.57	1.62	—	6,919	6,919	0.38	0.32	14.1	7,038
Area	0.25	1.81	0.01	1.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.73	5.73	< 0.005	< 0.005	—	5.75
Energy	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,161	1,161	0.10	< 0.005	—	1,165
Water	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Waste	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	4.82	6.00	4.28	33.3	0.07	0.11	6.20	6.30	0.10	1.57	1.67	68.5	8,109	8,178	7.33	0.34	14.4	8,475

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.82	0.76	0.65	5.72	0.01	0.01	1.13	1.14	0.01	0.29	0.30	—	1,145	1,145	0.06	0.05	2.34	1,165
Area	0.05	0.33	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.95	0.95	< 0.005	< 0.005	—	0.95
Energy	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	192	192	0.02	< 0.005	—	193
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	3.96	4.47	0.05	< 0.005	—	6.17
Waste	—	—	—	—	—	—	—	—	—	—	—	10.8	0.00	10.8	1.08	0.00	—	37.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	0.88	1.10	0.78	6.09	0.01	0.02	1.13	1.15	0.02	0.29	0.31	11.3	1,343	1,354	1.21	0.06	2.38	1,403

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	6.68	6.21	4.49	47.9	0.10	0.07	8.86	8.93	0.06	2.25	2.31	—	10,221	10,221	0.49	0.42	45.8	10,405
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	6.68	6.21	4.49	47.9	0.10	0.07	8.86	8.93	0.06	2.25	2.31	—	10,221	10,221	0.49	0.42	45.8	10,405
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Elementary	6.38	5.88	5.30	45.5	0.09	0.07	8.86	8.93	0.06	2.25	2.31	—	9,603	9,603	0.56	0.47	1.19	9,758
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	6.38	5.88	5.30	45.5	0.09	0.07	8.86	8.93	0.06	2.25	2.31	—	9,603	9,603	0.56	0.47	1.19	9,758
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.82	0.76	0.65	5.72	0.01	0.01	1.13	1.14	0.01	0.29	0.30	—	1,145	1,145	0.06	0.05	2.34	1,165
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.82	0.76	0.65	5.72	0.01	0.01	1.13	1.14	0.01	0.29	0.30	—	1,145	1,145	0.06	0.05	2.34	1,165

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	306	306	0.03	< 0.005	—	307
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	306	306	0.03	< 0.005	—	307

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	306	306	0.03	< 0.005	—	307
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	306	306	0.03	< 0.005	—	307
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	50.6	50.6	< 0.005	< 0.005	—	50.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	50.6	50.6	< 0.005	< 0.005	—	50.9

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	855	855	0.08	< 0.005	—	858
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	855	855	0.08	< 0.005	—	858

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	855	855	0.08	< 0.005	—	858
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	855	855	0.08	< 0.005	—	858
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	142	142	0.01	< 0.005	—	142
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	142	142	0.01	< 0.005	—	142

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.50	0.46	0.02	2.82	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.7
Total	0.50	2.05	0.02	2.82	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.7
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	0.04	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.95	0.95	< 0.005	< 0.005	—	0.95
Total	0.05	0.33	< 0.005	0.25	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.95	0.95	< 0.005	< 0.005	—	0.95

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	3.09	23.9	27.0	0.32	0.01	—	37.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.51	3.96	4.47	0.05	< 0.005	—	6.17
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.51	3.96	4.47	0.05	< 0.005	—	6.17

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	65.4	0.00	65.4	6.54	0.00	—	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	10.8	0.00	10.8	1.08	0.00	—	37.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	10.8	0.00	10.8	1.08	0.00	—	37.9

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Elementary School	1,684	0.00	0.00	438,926	12,564	0.00	0.00	3,275,584

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	97,500	32,500	1,938

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Elementary School	288,433	387	0.0330	0.0040	2,668,956
Other Asphalt Surfaces	0.00	387	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Elementary School	1,612,120	2,458,799
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Elementary School	121	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.8	annual days of extreme heat
Extreme Precipitation	2.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events.

Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	0	0	N/A

Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	16.8
AQ-PM	19.3
AQ-DPM	79.0
Drinking Water	50.2
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	36.7
Traffic	74.9
Effect Indicators	—
CleanUp Sites	94.0
Groundwater	92.1
Haz Waste Facilities/Generators	85.7
Impaired Water Bodies	23.9
Solid Waste	22.1
Sensitive Population	—
Asthma	19.3
Cardio-vascular	28.8
Low Birth Weights	84.2
Socioeconomic Factor Indicators	—
Education	41.9
Housing	42.8

Linguistic	62.7
Poverty	33.2
Unemployment	11.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	84.39625305
Employed	98.6141409
Median HI	89.1954318
Education	—
Bachelor's or higher	78.44219171
High school enrollment	100
Preschool enrollment	90.77377133
Transportation	—
Auto Access	75.69613756
Active commuting	53.81752855
Social	—
2-parent households	94.44373155
Voting	87.51443603
Neighborhood	—
Alcohol availability	69.63941999
Park access	54.22815347
Retail density	53.77903247
Supermarket access	42.46118311
Tree canopy	78.73732837

Housing	—
Homeownership	77.35146927
Housing habitability	71.4744001
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	44.34749134
Uncrowded housing	44.45014757
Health Outcomes	—
Insured adults	85.29449506
Arthritis	54.3
Asthma ER Admissions	86.8
High Blood Pressure	48.4
Cancer (excluding skin)	27.6
Asthma	83.3
Coronary Heart Disease	63.8
Chronic Obstructive Pulmonary Disease	79.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	82.1
Cognitively Disabled	82.5
Physically Disabled	45.1
Heart Attack ER Admissions	72.6
Mental Health Not Good	85.8
Chronic Kidney Disease	64.9
Obesity	83.0
Pedestrian Injuries	88.4
Physical Health Not Good	82.3
Stroke	75.8
Health Risk Behaviors	—

Binge Drinking	71.2
Current Smoker	89.0
No Leisure Time for Physical Activity	76.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	8.1
Elderly	42.0
English Speaking	52.7
Foreign-born	62.2
Outdoor Workers	62.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	51.8
Traffic Density	58.4
Traffic Access	72.9
Other Indices	—
Hardship	19.2
Other Decision Support	—
2016 Voting	83.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	50.0
Healthy Places Index Score for Project Location (b)	95.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Updated lot acreage and building square feet based on existing campus.
Operations: Vehicle Data	Updated Elementary School trip rate based on the Transportation Analysis for the Proposed Master Plan for the Bracher Elementary School (Santa Clara Unified School District) in Santa Clara, California report received 5/17/24.

Bracher Elementary Operations Master Plan Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Bracher Elementary Operations Master Plan
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	32.8
Location	37.36680738240965, -121.97475635043182
County	Santa Clara
City	Santa Clara
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1762
EDFZ	1
Electric Utility	Silicon Valley Power
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Elementary School	870	Student	10.6	88,000	187,000	0.00	—	—

Other Asphalt Surfaces	93.2	1000sqft	2.14	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.09	9.63	5.61	56.2	0.13	0.16	11.4	11.6	0.15	2.89	3.04	89.6	13,980	14,070	9.64	0.51	44.3	14,507
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.12	8.68	6.37	49.8	0.12	0.15	11.4	11.5	0.15	2.89	3.03	89.6	13,227	13,317	9.71	0.56	1.48	13,728
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.39	7.09	4.61	36.5	0.09	0.13	7.97	8.10	0.13	2.02	2.15	89.6	9,984	10,073	9.52	0.39	13.9	10,441
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.98	1.29	0.84	6.67	0.02	0.02	1.45	1.48	0.02	0.37	0.39	14.8	1,653	1,668	1.58	0.06	2.30	1,729

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.30	6.80	4.61	51.6	0.12	0.08	11.4	11.5	0.07	2.89	2.96	—	12,368	12,368	0.53	0.49	44.0	12,572
Area	0.68	2.78	0.03	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.7	15.7	< 0.005	< 0.005	—	15.8
Energy	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,572	1,572	0.14	0.01	—	1,577
Water	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Waste	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Total	8.09	9.63	5.61	56.2	0.13	0.16	11.4	11.6	0.15	2.89	3.04	89.6	13,980	14,070	9.64	0.51	44.3	14,507
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.01	6.48	5.40	49.0	0.11	0.08	11.4	11.5	0.07	2.89	2.96	—	11,631	11,631	0.61	0.54	1.14	11,809
Area	—	2.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,572	1,572	0.14	0.01	—	1,577
Water	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Waste	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Total	7.12	8.68	6.37	49.8	0.12	0.15	11.4	11.5	0.15	2.89	3.03	89.6	13,227	13,317	9.71	0.56	1.48	13,728
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.94	4.58	3.63	33.8	0.08	0.05	7.97	8.02	0.05	2.02	2.07	—	8,379	8,379	0.41	0.37	13.6	8,514
Area	0.34	2.46	0.02	1.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.76	7.76	< 0.005	< 0.005	—	7.79
Energy	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,572	1,572	0.14	0.01	—	1,577
Water	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Waste	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Total	5.39	7.09	4.61	36.5	0.09	0.13	7.97	8.10	0.13	2.02	2.15	89.6	9,984	10,073	9.52	0.39	13.9	10,441

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.90	0.84	0.66	6.17	0.02	0.01	1.45	1.46	0.01	0.37	0.38	—	1,387	1,387	0.07	0.06	2.25	1,410
Area	0.06	0.45	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.28	1.28	< 0.005	< 0.005	—	1.29
Energy	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	0.67	4.13	4.79	0.07	< 0.005	—	7.02
Waste	—	—	—	—	—	—	—	—	—	—	—	14.2	0.00	14.2	1.42	0.00	—	49.6
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	0.98	1.29	0.84	6.67	0.02	0.02	1.45	1.48	0.02	0.37	0.39	14.8	1,653	1,668	1.58	0.06	2.30	1,729

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	7.30	6.80	4.61	51.6	0.12	0.08	11.4	11.5	0.07	2.89	2.96	—	12,368	12,368	0.53	0.49	44.0	12,572
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	7.30	6.80	4.61	51.6	0.12	0.08	11.4	11.5	0.07	2.89	2.96	—	12,368	12,368	0.53	0.49	44.0	12,572
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Elementary	7.01	6.48	5.40	49.0	0.11	0.08	11.4	11.5	0.07	2.89	2.96	—	11,631	11,631	0.61	0.54	1.14	11,809
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	7.01	6.48	5.40	49.0	0.11	0.08	11.4	11.5	0.07	2.89	2.96	—	11,631	11,631	0.61	0.54	1.14	11,809
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.90	0.84	0.66	6.17	0.02	0.01	1.45	1.46	0.01	0.37	0.38	—	1,387	1,387	0.07	0.06	2.25	1,410
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.90	0.84	0.66	6.17	0.02	0.01	1.45	1.46	0.01	0.37	0.38	—	1,387	1,387	0.07	0.06	2.25	1,410

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	414	414	0.04	< 0.005	—	416
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	414	414	0.04	< 0.005	—	416

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	414	414	0.04	< 0.005	—	416
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	414	414	0.04	< 0.005	—	416
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	68.5	68.5	0.01	< 0.005	—	68.8
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	68.5	68.5	0.01	< 0.005	—	68.8

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,158	1,158	0.10	< 0.005	—	1,161
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,158	1,158	0.10	< 0.005	—	1,161

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,158	1,158	0.10	< 0.005	—	1,161
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.11	0.05	0.97	0.82	0.01	0.07	—	0.07	0.07	—	0.07	—	1,158	1,158	0.10	< 0.005	—	1,161
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	192	192	0.02	< 0.005	—	192
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.18	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	192	192	0.02	< 0.005	—	192

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.68	0.63	0.03	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.7	15.7	< 0.005	< 0.005	—	15.8
Total	0.68	2.78	0.03	3.83	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.7	15.7	< 0.005	< 0.005	—	15.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	2.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	0.06	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.28	1.28	< 0.005	< 0.005	—	1.29
Total	0.06	0.45	< 0.005	0.34	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.28	1.28	< 0.005	< 0.005	—	1.29

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
----------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	4.04	24.9	29.0	0.42	0.01	—	42.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	0.67	4.13	4.79	0.07	< 0.005	—	7.02
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.67	4.13	4.79	0.07	< 0.005	—	7.02

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	85.6	0.00	85.6	8.55	0.00	—	299
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	14.2	0.00	14.2	1.42	0.00	—	49.6
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	14.2	0.00	14.2	1.42	0.00	—	49.6

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.34	0.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.06	0.06

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Elementary School	2,165	0.00	0.00	564,446	16,157	0.00	0.00	4,212,313

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	132,000	44,000	5,592

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Elementary School	390,494	387	0.0330	0.0040	3,613,356
Other Asphalt Surfaces	0.00	387	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Elementary School	2,109,089	1,999,110
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Elementary School	159	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	11.8	annual days of extreme heat
Extreme Precipitation	2.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events.

Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	0	0	N/A

Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	1	1	1	2
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	16.8
AQ-PM	19.3
AQ-DPM	79.0
Drinking Water	50.2
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	36.7
Traffic	74.9
Effect Indicators	—
CleanUp Sites	94.0
Groundwater	92.1
Haz Waste Facilities/Generators	85.7
Impaired Water Bodies	23.9
Solid Waste	22.1
Sensitive Population	—
Asthma	19.3
Cardio-vascular	28.8
Low Birth Weights	84.2
Socioeconomic Factor Indicators	—
Education	41.9
Housing	42.8

Linguistic	62.7
Poverty	33.2
Unemployment	11.9

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	84.39625305
Employed	98.6141409
Median HI	89.1954318
Education	—
Bachelor's or higher	78.44219171
High school enrollment	100
Preschool enrollment	90.77377133
Transportation	—
Auto Access	75.69613756
Active commuting	53.81752855
Social	—
2-parent households	94.44373155
Voting	87.51443603
Neighborhood	—
Alcohol availability	69.63941999
Park access	54.22815347
Retail density	53.77903247
Supermarket access	42.46118311
Tree canopy	78.73732837

Housing	—
Homeownership	77.35146927
Housing habitability	71.4744001
Low-inc homeowner severe housing cost burden	64.71192095
Low-inc renter severe housing cost burden	44.34749134
Uncrowded housing	44.45014757
Health Outcomes	—
Insured adults	85.29449506
Arthritis	54.3
Asthma ER Admissions	86.8
High Blood Pressure	48.4
Cancer (excluding skin)	27.6
Asthma	83.3
Coronary Heart Disease	63.8
Chronic Obstructive Pulmonary Disease	79.3
Diagnosed Diabetes	70.5
Life Expectancy at Birth	82.1
Cognitively Disabled	82.5
Physically Disabled	45.1
Heart Attack ER Admissions	72.6
Mental Health Not Good	85.8
Chronic Kidney Disease	64.9
Obesity	83.0
Pedestrian Injuries	88.4
Physical Health Not Good	82.3
Stroke	75.8
Health Risk Behaviors	—

Binge Drinking	71.2
Current Smoker	89.0
No Leisure Time for Physical Activity	76.7
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	8.1
Elderly	42.0
English Speaking	52.7
Foreign-born	62.2
Outdoor Workers	62.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	51.8
Traffic Density	58.4
Traffic Access	72.9
Other Indices	—
Hardship	19.2
Other Decision Support	—
2016 Voting	83.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	50.0
Healthy Places Index Score for Project Location (b)	95.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Updated lot acreage and building square feet based on master plan received 2/24/23.
Operations: Vehicle Data	Updated Elementary School trip rate based on the Transportation Analysis for the Proposed Master Plan for the Bracher Elementary School (Santa Clara Unified School District) in Santa Clara, California report received 5/17/24.

**Appendix B: Bracher Elementary Tree
Inventory Report**



DRAFT Tree Inventory Report

**Bracher Elementary School
Santa Clara, CA**

**PREPARED FOR
Verde Design, Inc.
2455 The Alameda, Suite 200
Santa Clara, CA 95050**

**PREPARED BY:
HortScience | Bartlett Consulting
325 Ray St.
Pleasanton, CA 94566**

September 2018



**DARFT Tree Inventory Report
Bracher Elementary School
Santa Clara, CA**

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Exhibits

Tree Assessment Form

Tree Assessment Map

DRAFT Tree Inventory Report Bracher Elementary School Santa Clara, CA

Introduction and Overview

In preparation for upgrades to Santa Clara School District (SCSD) facilities, Verde Design, Inc. is working with contractors to inventory assets on all of Santa Clara's facilities, including the trees. HortScience | Bartlett Consulting was asked to prepare a **Tree Inventory Report** for the Bracher Elementary School to help in the design and planning stages of the upcoming renovations. Once grading, drainage, utility and construction plans are prepared, specific tree impacts can be assessed, and a complete **Arborist Report** prepared.

This report provides the following information:

1. Assessment of the health and structural condition of the trees within and adjacent to Bracher Elementary School based on a visual inspection from the ground.
2. Evaluation of the suitability for preservation of each tree.
3. Tree management recommendations.
4. Preliminary guidelines for tree preservation during the design, construction and maintenance phases of development.

Tree Assessment Methods

Trees were assessed in August 2018 and included tag #'s 90-163. The assessment included all trees measuring 4" and greater in diameter, located within and adjacent to the proposed project area. Off-site trees with canopies extending over the property line were included in the assessment. The assessment procedure consisted of the following steps:

1. Identifying the tree as to species;
2. Tagging each tree with an identifying number and recording its location on a map;
3. Measuring the trunk diameter at a point 48" above grade;
4. Evaluating the health and structural condition using a scale of 0 – 5:
 - 5** - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
 - 4** - Tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.
 - 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
 - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
 - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
 - 0** – Dead.
5. Rating the suitability for preservation as "high", "moderate" or "low". Suitability for preservation considers the health, age and structural condition of the tree, and its potential to remain an asset to the site for years to come.
 - High:** Trees with good health and structural stability that have the potential for longevity at the site.
 - Moderate:** Trees with somewhat declining health and/or structural defects that can be abated with treatment. The tree will require more intense management and monitoring, and may have shorter life span than those in 'high' category.
 - Low:** Tree in poor health or with significant structural defects that cannot be mitigated. Tree is expected to continue to decline, regardless of treatment. The species or individual may have characteristics that are undesirable for landscapes and generally are unsuited for use areas.

Description of Trees

Seventy-four (74) trees representing 15 species were evaluated (Table 1, following page). Descriptions of each tree are found in the **Tree Assessment Form** and approximate locations are plotted on the **Tree Assessment Map** (see Exhibits).

Eighteen (18) coast redwoods were growing in the southwest corner of the school, adjacent to a playground. This was the most commonly encountered species at the school. Coast redwoods ranged from 8" to 29" in trunk diameter and tree condition was fair for 12 of the trees, good for 3 and poor for 3. All of the coast redwoods showed some amount of drought stress resulting in canopies that were sparse to very sparse. Roots from coast redwoods #145 and 146 had displaced the adjacent asphalt approximately 1".

Ginkgo, with 15 trees, was also well represented at the school. Ginkgo had been planted along the perimeters, with 3 along the eastern boundary, 8 along the southern boundary and 4 along Bowers Ave. to the west. The eastern ginkgo trees were mature, with trunk diameters between 19" and 23" (**Photo 1**). Those along the southern and western boundaries were young to semi-mature (9" to 15" in diameter). Twelve (12) of the ginkgo trees were in fair condition and 3 were in good. Unfortunately, two of the ginkgo trees along Bowers Ave. (#160 and 162) were females, which produce a smelly fruit and are generally not supposed to be sold in the nursery trade.



Photo 1: Looking south at ginkgo #121, the largest ginkgo assessed at 23" in trunk diameter. Ginkgo trees had been planted along the eastern, southern and western boundaries.

A group of 8 xylosma had been planted in the northwest corner of the site, at the corners of Bowers Ave. and Chromite Drive. These were essentially large shrubs that provided some screening for the schools garden. They had been planted in close proximity to one another, producing some leaning and one-sided trees. They were all in fair condition.

Seven 7) cork oaks and 7 Chinese elms were assessed at the school. Cork oaks included 4 that were growing with the redwoods around the playground in the southwest corner of the school and 3 that had been planted along the Bowers Ave. frontage. Six of the cork oaks were mature, with trunk diameters between 22" and 38". Cork oak #109 was young (7" in diameter) and had been poorly pruned. Cork oaks were in fair to good condition (3 trees in each category), with cork oak #109 in poor condition.

Chinese elms #93 and 94 were mature (21" and 20" in diameter, respectively) and growing in a courtyard between classroom buildings. The remaining 5 were young to semi-mature (8" to 13") and growing in the northeast corner of the site (#115, 116, and 118-120). Three of the Chinese elms were in fair condition and 4 were in good. Chinese elms #93 and 94 showed evidence of past topplings but had recovered and produced full crowns of foliage.

The remaining 18 trees were represented by the following:

- 4 mayten trees had been planted in the landscape, with #97 in an interior courtyard and #110-112 along the Bowers Ave. frontage. These were young to semi-mature and in poor (#97), fair (#110) and good (#111 and 112) condition.
- 3 Calif. black walnuts growing along the southern boundary. They were mature to over-mature (34" to 40" in trunk diameter) and in good condition.
- 2 holly oaks (#107 and 108) were growing along Bowers Ave. They were both young and in good condition. Holly oak #108 had been topped for the overhead utility lines but was tolerating the utility line clearance pruning.
- 2 coast live oaks (#91 and 117). Coast live oak #91 was located in a parking lot island on the north side of the school and #117 was growing along Chromite Dr., where it had grown around the chain link fence. Both were mature but #117 was the largest diameter and most visually significant tree on the site (Photo 2, following page). Both trees were in good condition.
- 2 mock oranges (#95 and 96) had been planted adjacent to an interior walkway. Both were young and in poor condition.
- One (1) each of the following: callery pear, Italian stone pine, olive, cordyline and deodar cedar.

Overall, 41 trees were in fair condition (55% of the total population), 25 were in good (34%) and 8 were in poor condition (11%).

The City of Santa Clara's criteria for *Protected* tree status is established in General Plan Conservation Policy 5.10.1-P4, "Protect all healthy cedars, redwoods, oaks, olives, bay laurel and pepper trees of any size, and all other trees over 36 inches in circumference (12 inches in diameter) measured at 48 inches above-grade on private and public property as well as in the public right-of-way." In total, 58 of the trees met the criteria to be considered Protected. *Protected* trees are identified in the **Tree Assessment Form**.

**Table 1. Condition ratings and frequency of occurrence of trees
 Bracher Elementary School, Santa Clara CA**

Common Name	Scientific Name	Condition Rating			No. of Trees
		Poor (2)	Fair (3)	Good (4)	
Deodar cedar	<i>Cedrus deodara</i>	-	-	1	1
Cordyline	<i>Cordyline stricta</i>	-	1	-	1
Ginkgo	<i>Ginkgo biloba</i>	-	12	3	15
Calif. black walnut	<i>Juglans hindsii</i>	-	-	3	3
Mayten	<i>Maytenus boaria</i>	1	1	2	4
Olive	<i>Olea europaea</i>	-	-	1	1
Italian stone pine	<i>Pinus pinea</i>	-	-	1	1
Mock orange	<i>Pittosporum tobira</i>	2	-	-	2
Callery pear	<i>Pyrus calleryana</i>	1	-	-	1
Coast live oak	<i>Quercus agrifolia</i>	-	-	2	2
Holly oak	<i>Quercus ilex</i>	-	-	2	2
Cork oak	<i>Quercus suber</i>	1	3	3	7
Coast redwood	<i>Sequoia sempervirens</i>	3	12	3	18
Chinese elm	<i>Ulmus parvifolia</i>	-	3	4	7
Xylosma	<i>Xylosma congestum</i>	-	9	-	9
Total		8	41	25	74
		11%	55%	34%	100%



Photo 2:
Looking northeast at coast live oak #117. This mature tree was located along Chromite Drive. It was in good condition, despite having grown around the fence (inset).



Suitability for Preservation

Before evaluating the impacts that will occur during development, it is important to consider the quality of the tree resource itself, and the potential for individual trees to function well over an extended length of time. Trees that are preserved on development sites must be carefully selected to make sure that they may survive development impacts, adapt to a new environment and perform well in the landscape.

Our goal is to identify trees that have the potential for long-term health, structural stability and longevity. For trees growing in open fields, away from areas where people and property are present, structural defects and/or poor health presents a low risk of damage or injury if they fail. However, we must be concerned about safety in use areas. Therefore, where development encroaches into existing plantings, we must consider their structural stability as well as their potential to grow and thrive in a new environment. Where development will not occur, the normal life cycles of decline, structural failure and death should be allowed to continue.

Evaluation of suitability for preservation considers several factors:

- **Tree health**
Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees.
- **Structural integrity**
Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely.

- **Species response**
There is a wide variation in the response of individual species to construction impacts and changes in the environment. For instance, coast redwood is more tolerant of construction impacts than are ginkgo and Calif. black walnut.
- **Tree age and longevity**
Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.
- **Species invasiveness**
Species that spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database (<http://www.cal-ipc.org/paf/>) lists species identified as being invasive. Santa Clara is part of the Central West Floristic Province. None of the species assessed at Bracher Elementary school were listed as invasive.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment (see **Tree Assessment Forms** in Exhibits. Table 2, following page, provides a summary of suitability ratings.

We consider trees with high suitability for preservation to be the best candidates for preservation. We do not recommend retention of trees with low suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

**Table 2: Tree suitability for preservation
Bracher Elementary School, Santa Clara CA**

High	These are trees with good health and structural stability that have the potential for longevity at the site. Seven (7) trees were considered highly suitable for preservation, including; mayten #111 and 112, olive #114, Chinese elm #116, Calif. black walnut 128, ginkgo #132 and Italian stone pine #163.
Moderate	Trees in this category have fair health and/or structural defects that may be abated with treatment. Trees in this category require more intense management and monitoring, and may have shorter life-spans than those in the “high” category. Fifty-seven (57) trees had moderate suitability for preservation, including; 14 coast redwoods, 13 ginkgo, 9 xylosma, 6 cork oaks, 6 Chinese elms, 2 holy oaks, 2 coast live oaks, 2 Calif. black walnuts, and 1 each of mayten, deodar cedar and cordyline.
Low	Trees in this category are in poor health or have significant defects in structure that cannot be abated with treatment. These trees can be expected to decline regardless of management. The species or individual tree may possess either characteristics that are undesirable in landscape settings or be unsuited for use areas. Ten (10) trees had low suitability for preservation, including; 4 coast redwoods, 2 mock oranges, and 1 each of callery pear, ginkgo, cork oak, and mayten.

Estimated Value of Trees

The City of Santa Clara asked that the value of all trees assessed at their facilities be established. To accomplish this, I used the standard methods found in *Guide for Plant Appraisal*, 9th edition (published in 2000 by the International Society of Arboriculture, Champaign IL). In addition, I referred to *Species Classification and Group Assignment* (2004), a publication of the Western Chapter of the International Society of Arboriculture. These two documents outline the methods employed in tree appraisal.

The value of landscape trees is based upon four factors: size, species, condition and location. Size is measured as trunk diameter, normally 54" above grade. The species factor considers the adaptability and appropriateness of the plant in the East Bay area. The *Species Classification and Group Assignment* lists recommended species ratings and evaluations. Condition reflects the health and structural integrity of the individual, as noted in the **Tree Assessment Form**. Location considers the site, placement and contribution of the tree in its surrounding landscape. In this case, the trees are located in a desirable residential neighborhood of Santa Clara.

The appraised value of the 74 trees assessed at Bracher Elementary was \$468,850 (Table 3).

**Table 3: Estimated value of trees
 Bracher Elementary School, Santa Clara CA**

Tree No.	Species	Trunk diameter (in.)	Protected	Appraised value (\$)
90	Deodar cedar	23	Yes	7,800
91	Coast live oak	29	Yes	14,250
92	Callery pear	10	No	750
93	Chinese elm	21	Yes	9,750
94	Chinese elm	20	Yes	8,850
95	Mock orange	6	No	250
96	Mock orange	6	No	250
97	Mayten	8,7	No	850
98	Xylosma	14	Yes	2,400
99	Xylosma	13	Yes	2,100
100	Xylosma	12	Yes	1,800
101	Xylosma	12	Yes	1,800
102	Xylosma	12	Yes	1,800
103	Xylosma	6	No	450
104	Xylosma	14	Yes	2,400
105	Xylosma	12,10	Yes	3,000
106	Xylosma	14	Yes	2,400
107	Holly oak	9,7	Yes	3,350
108	Holly oak	9,7	Yes	\$3,350
109	Cork oak	7	Yes	550
110	Mayten	11	No	1,800
111	Mayten	16	Yes	6,800
112	Mayten	16	Yes	5,300
113	Cordyline	6,6	Yes	200
114	Olive	6	No	700
115	Chinese elm	12	Yes	2,650
116	Chinese elm	11	No	3,150
117	Coast live oak	44	Yes	28,300
118	Chinese elm	8	No	1,200
119	Chinese elm	10	No	2,650
120	Chinese elm	13	Yes	3,150

(Continued, following page)

**Table 3: Estimated value of trees
 Bracher Elementary School, Santa Clara CA**

Tree No.	Species	Trunk diameter (in.)	Protected	Appraised value (\$)
121	Ginkgo	23	Yes	2,600
122	Ginkgo	22	Yes	5,450
123	Ginkgo	19	Yes	2,250
124	Calif. black walnut	39	Yes	2,250
125	Calif. black walnut	40	Yes	5,450
126	Ginkgo	13,10,9,6,6	Yes	2,600
127	Ginkgo	13,10,7	Yes	2,600
128	Calif. black walnut	34	Yes	1,900
129	Ginkgo	10,7	No	1,300
130	Ginkgo	15	Yes	1,500
131	Ginkgo	11,9	No	5,450
132	Ginkgo	10	No	1,500
133	Ginkgo	11	No	1,400
134	Ginkgo	10	No	6,100
135	Coast redwood	21	Yes	600
136	Coast redwood	22,19	Yes	8,000
137	Coast redwood	21	Yes	2,850
138	Coast redwood	14,9	Yes	6,100
139	Coast redwood	13	Yes	600
140	Coast redwood	22	Yes	2,350
141	Coast redwood	29,26,8	Yes	2,850
142	Coast redwood	23	Yes	3,100
143	Coast redwood	11	Yes	6,900
144	Coast redwood	27	Yes	11,000
145	Coast redwood	26,23,16	Yes	18,000
146	Coast redwood	28	Yes	\$450
147	Coast redwood	22,20	Yes	19,200
148	Cork oak	38	Yes	12,950
149	Cork oak	23	Yes	700
150	Cork oak	22	Yes	20,950
151	Cork oak	23	Yes	7,150
152	Coast redwood	25	Yes	3,850
153	Coast redwood	19	Yes	1,950
154	Coast redwood	21	Yes	400
155	Coast redwood	8	Yes	1,750
156	Coast redwood	15,13	Yes	100
157	Cork oak	31	Yes	1,550
158	Cork oak	26	Yes	550
159	Ginkgo	14	Yes	0
160	Ginkgo	12	Yes	1,000
161	Ginkgo	13	Yes	1,450
162	Ginkgo	9	No	1,750
163	Italian stone pine	29,28	Yes	950
Total				\$468,850

Maintenance Recommendations

In an effort to help guide management of the tree resource at Bracher Elementary, the following maintenance recommendations are provided. These are recommendations that will help correct existing defects in tree structure, reduce the potential for future failures and improve the health and longevity of those trees that will be retained as part of the renovations. Table 4, following page, summarizes the maintenance recommendations and recommendations for individual trees are also provided in the ***Tree Assessment Form***.

- **Pruning practices** – Pruning (proper and improper) has long-term impacts on tree structure and health. Having employees knowledgeable in proper pruning of ornamental trees and what the industry standards are for pruning trees is critical to maintaining the beauty and longevity of the tree resource.
 - Five (5) trees were identified for pruning to reduce the length and extension of heavy lateral limbs in an effort to reduce the likelihood of failure of the limb.
- **Cabling and bracing** – When trees have codominant or multiple stems emerging at the same point, there is an elevated risk for a stem failure. In order to reduce the risk of a stem failure, a cable or brace rod can be installed between the stems to reduce this risk.
 - Currently, no trees were identified for cable/brace. However, trees #122, 129 and 158 were all identified as having narrow attachments between stems, making them candidates for a cable/brace.
- **Removal** – where trees were in decline or were structurally unstable, they were identified for removal.
 - Callery pear #92 had poor form and structure and mayten #97 was half dead. Both trees should be removed, although neither were at risk for failure.
- **Root pruning** – Where displacement of infrastructure has occurred, trees may require root pruning when repairs are made. Roots should be exposed by hand to beyond the limit of the infrastructure and cut with a chain saw, hand saw, or other approved root pruning equipment. The Consulting Arborist should be present during root pruning operations to identify where root pruning is required and monitor root pruning activities.
 - Coast redwoods #145 and 146 were displacing the surrounding asphalt and are candidates for root pruning.
- **Mulching** - Mulches provide aesthetic, economic and environmental benefits to the landscape. In general, mulches improve soil health, improve water holding capacity of the soil and return nutrients to the soil as they break down. Mulched landscapes are more resistant to stress, are more aesthetically pleasing, require fewer applications of pesticides and fertilizers, and are ultimately more sustainable than those without mulch cover. I recommend a 3-4" layer of coarse, wood chip mulch, spread within the dripline of trees. Use of wood chips produced through pruning of trees as mulch is acceptable.

**Table 4. Tree Maintenance Recommendations
 Bracher Elementary School, Santa Clara CA**

Tree No.	Common Name	Trunk Diameter	Protected	Recommendation
90	Deodar cedar	23	Yes	Prune to reduce weight/extension
91	Coast live oak	29	Yes	Prune to reduce weight/extension
92	Callery pear	10	No	Remove tree
97	Mayten	8,7	No	Remove tree
117	Coast live oak	44	Yes	Prune to reduce weight/extension
125	Calif. black walnut	40	Yes	Prune to reduce weight/extension
128	Calif. black walnut	34	Yes	Prune to reduce weight/extension
145	Coast redwood	26,23,16	Yes	Root prune
146	Coast redwood	28	Yes	Root prune

Preliminary Tree Preservation Guidelines

The following recommendations will help reduce impacts to trees from development as well as maintain and improve their health and vitality through the clearing, grading and construction phases.

Design recommendations

1. Have the vertical and horizontal locations of all the trees identified for preservation established and plotted on all plans. Forward these plans to the Consulting Arborist for review and comment.
2. All plans affecting trees shall be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, demolition plans, grading and utility plans, landscape and irrigation plans.
3. For trees identified for preservation, designate a **TREE PROTECTION ZONE** in which no construction, grading and underground services including utilities, sub-drains, water or sewer will be located. For design purposes, the **TREE PROTECTION ZONE** should be either the dripline or edge of proposed construction, whichever is larger. Depending in the tree to be preserved, additional space beyond the dripline may be required.
4. No grading, excavation, construction or storage of materials shall occur within that zone.
5. No underground services including utilities, sub-drains, water or sewer shall be placed in the **Tree Protection Zone**.
6. Irrigation systems must be designed so that no trenching will occur within the **Tree Protection Zone**.
7. As trees withdraw water from the soil, expansive soils may shrink within the root area. Therefore, foundations, footings and pavements on expansive soils near trees should be designed to withstand differential displacement.
8. Maintain the existing irrigation system. If the existing irrigation system is not functional, have a temporary system installed (using soaker hoses or pvc laid on the ground and covered with mulch) as soon as possible to supply the trees with water and help them recover and prepare them for impacts associated with the demolition and construction process.

Pre-construction treatments and recommendations

1. The demolition contractor shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protection.
2. Where possible, cap and abandon all existing underground utilities within the **TPZ** in place. Removal of utility boxes by hand is acceptable but no trenching should be performed within the **TPZ** in an effort to remove utilities, irrigation lines, etc.
3. Fence all trees to be retained to completely enclose the **Tree Protection Zone** prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link or equivalent as approved by the Consulting Arborist. Fences are to remain until all grading and construction is completed.
4. Prune trees to be preserved to clean the crown of dead branches 1" and larger in diameter and raise canopies as needed for construction activities. All pruning shall be done by a State of California Licensed Tree Contractor (C61/D49). All pruning shall be done by Certified Arborist or Certified Tree Worker in accordance with the Best Management Practices for Pruning (International Society of Arboriculture, 2002) and adhere to the most recent editions of the American National Standard for Tree Care Operations (Z133.1) and Pruning (A300). The Consulting Arborist will provide pruning specifications prior to site demolition. Branches extending into the work area that can remain following demolition shall be tied back and protected from damage.
5. All tree work shall comply with the Migratory Bird Treaty Act as well as California Fish and Wildlife code 3503-3513 to not disturb nesting birds. Tree pruning and removal should be scheduled outside of the breeding season to avoid scheduling delays. Breeding bird surveys should be conducted prior to tree work. Qualified biologists should be involved in establishing work buffers for active nests.
6. Tree(s) to be removed that have branches extending into the canopy of tree(s) to remain must be removed by a qualified arborist and not by construction contractors. The qualified arborist shall remove the tree in a manner that causes no damage to the tree(s) and understory to remain. Tree stumps shall be ground 12" below ground surface.
7. Any brush clearing required within the **TREE PROTECTION ZONE** shall be accomplished with hand-operated equipment.
8. Trees to be removed shall be felled so as to fall away from **TREE PROTECTION ZONE** and avoid pulling and breaking of roots of trees to remain. If roots are entwined, the consultant may require first severing the major woody root mass before extracting the trees, or grinding the stump below ground.
9. All down brush and trees shall be removed from the **TREE PROTECTION ZONE** either by hand, or with equipment sitting outside the **TREE PROTECTION ZONE**. Extraction shall occur by lifting the material out, not by skidding across the ground.
10. Apply and maintain 4-6" of wood chip mulch within the **TREE PROTECTION ZONE**.

Recommendations for tree protection during construction

1. Prior to beginning work, the contractors working in the vicinity of trees to be preserved are required to meet with the Consulting Arborist at the site to review all work procedures, access routes, storage areas and tree protection measures.
2. All contractors shall conduct operations in a manner that will prevent damage to trees to be preserved.
3. Any grading, construction, demolition or other work that is expected to encounter tree roots should be monitored by the Consulting Arborist.

4. Tree protection fences are to remain until all site work has been completed. Fences may not be relocated or removed without permission of the Consulting Arborist.
5. Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
6. Currently, trees #6, 7 and 8 have been identified for root pruning prior to grading, excavation for foundations/footings/walls, trenching. Root pruning should occur outside the **TREE PROTECTION ZONE** and **prior to demolition or construction activities** by cutting all roots cleanly to the depth of the excavation. Roots shall be cut by manually digging a trench and cutting exposed roots with a saw, with a vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root pruning equipment. The Consulting Arborist will identify where root pruning is required and monitor all root pruning activities.
7. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
8. No excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the **Tree Protection Zone**.
9. Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.
10. All trees shall be irrigated on a schedule to be determined by the Consulting Arborist (every 3 to 6 weeks April through October is typical). Each irrigation shall wet the soil within the **TREE PROTECTION ZONE** to a depth of 24”.

Maintenance of impacted trees

Preserved trees will experience a physical environment different from that pre-development. As a result, tree health and structural stability should be monitored. Occasional pruning, fertilization, mulch, pest management, replanting and irrigation may be required. In addition, provisions for monitoring both tree health and structural stability following construction must be made a priority. As trees age, the likelihood of failure of branches or entire trees increases. Therefore, annual inspection for structural condition is recommended.

HortScience, Inc.



John Leffingwell
Board Certified Master Arborist #WE-3966B
Registered Consulting arborist #442



Exhibits

Tree Assessment Form

Tree Assessment Map



Tree Assessment

Brachers Elementary
 Santa Clara, California
 August 2018



TREE No.	SPECIES	SIZE DIAMETER (in inches)	PROTECTED	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
90	Deodar cedar	23	Yes	4	Moderate	Good form and structure; heavy lateral E. reduced but grew 2 weakly attached sprouts; branch failures N.
91	Coast live oak	29	Yes	4	Moderate	Codominant trunks at 8'; one stem upright, other forms lateral NW.
92	Callery pear	10	No	2	Low	Crook at 7'; crown bowed N. to horizontal.
93	Chinese elm	21	Yes	4	Moderate	Multiple attachments at 8'; good form; history of topping; minor displacement.
94	Chinese elm	20	Yes	4	Moderate	Codominant trunks at 8'; good form; history of topping; minor displacement.
95	Mock orange	6	No	2	Low	Crook at 8'; one sided W.
96	Mock orange	6	No	2	Low	Crook at 3'; one sided W.
97	Mayten	8,7	No	2	Low	Codominant trunks at 1'; one stem dead.
98	Xylosma	14	Yes	3	Moderate	Crowded; one sided E.; large hedge row.
99	Xylosma	13	Yes	3	Moderate	Crowded; crown bowed S. to horizontal; large hedge row.
100	Xylosma	12	Yes	3	Moderate	Crowded; crook at 6'; large hedge row.
101	Xylosma	12	Yes	3	Moderate	Crowded; upright form; large hedge row.
102	Xylosma	12	Yes	3	Moderate	Crowded; crown bowed S. to horizontal; large hedge row.
103	Xylosma	6	No	3	Moderate	Crowded; multiple crooks; large hedge row.
104	Xylosma	14	Yes	3	Moderate	Crowded; upright form; large hedge row.
105	Xylosma	12,10	Yes	3	Moderate	Codominant trunks at 3'; large hedge row.
106	Xylosma	14	Yes	3	Moderate	Multiple crooks; fair structure; trunk wounds.
107	Holly oak	9,7	Yes	4	Moderate	Codominant trunks at 2'; good form; fair structure; trunk wounds.

Tree Assessment

Brachers Elementary
 Santa Clara, California
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TREE No.	SPECIES	SIZE DIAMETER (in inches)	PROTECTED	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
108	Holly oak	9,7	Yes	4	Moderate	Codominant trunks at 4'; good form; topped for overhead utilities.
109	Cork oak	7	Yes	2	Low	In small cut out in parking lot; hedged.
110	Mayten	11	No	3	Moderate	Multiple attachments at 6'; one sided S.
111	Mayten	16	Yes	5	High	Multiple attachments at 7'; good form and structure.
112	Mayten	16	Yes	4	High	Multiple attachments at 8'; good form and structure; low lateral SE.; dieback.
113	Cordyline	6,6	Yes	3	Moderate	Codominant trunks at base; one stem growing against sign.
114	Olive	6	No	5	High	Codominant trunks at 4'; good young tree.
115	Chinese elm	12	Yes	3	Moderate	Codominant trunks at 8'; leans N.; poor structure.
116	Chinese elm	11	No	4	High	Codominant trunks at 8'; leans N.; good form and structure.
117	Coast live oak	44	Yes	4	Moderate	Multiple attachments at 15'; good form and structure; heavy lateral limbs; embedded fence; patches of borer damage.
118	Chinese elm	8	No	3	Moderate	Multiple attachments at 8'; fair form and structure; sparse.
119	Chinese elm	10	No	4	Moderate	Multiple attachments at 8'; lateral S.; chewing
120	Chinese elm	13	Yes	3	Moderate	Codominant trunks at 8'; leans N.; poor structure; anthracnose.
121	Ginkgo	23	Yes	3	Moderate	Multiple attachments at 6'; one sided S.; fair structure.
122	Ginkgo	22	Yes	3	Moderate	Multiple attachments at 6'; narrow attachments; fair structure.

Tree Assessment

Brachers Elementary
 Santa Clara, California
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TREE No.	SPECIES	SIZE DIAMETER (in inches)	PROTECTED	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
123	Ginkgo	19	Yes	3	Moderate	Multiple attachments at 6'; one sided S.; fair structure.
124	Calif. black walnut	39	Yes	4	Moderate	Multiple attachments at 8'; one sided N.; pruned at fence line S.
125	Calif. black walnut	40	Yes	4	Moderate	Multiple attachments at 10'; one sided w/ long lateral N.; dead wood to 4".
126	Ginkgo	13,10,9,6,6	Yes	3	Moderate	Multiple attachments at base; suppressed; crown bowed SW.
127	Ginkgo	13,10,7	Yes	3	Moderate	Multiple attachments at 2'; two stems grew together; crown windswept S.
128	Calif. black walnut	34	Yes	4	High	Multiple attachments at 15'; one sided w/ long lateral N.; pruned S. for overhead utilities.
129	Ginkgo	10,7	No	3	Moderate	Codominant trunks at 4'; narrow attachment; crown windswept S.
130	Ginkgo	15	Yes	3	Low	Multiple attachments at 4'; fair structure; moderate dieback.
131	Ginkgo	11,9	No	3	Moderate	Codominant trunks at 5'; fair form and structure; moderate dieback.
132	Ginkgo	10	No	5	High	Good form and structure.
133	Ginkgo	11	No	4	Moderate	Good form and structure; basal wound; dieback.
134	Ginkgo	10	No	3	Moderate	Codominant trunks at 4'; fair structure; trunk wound.
135	Coast redwood	21	Yes	3	Moderate	Good form and structure; sparse crown.
136	Coast redwood	22,19	Yes	4	Moderate	Codominant trunks at 2'; good form and structure; sparse crown.
137	Coast redwood	21	Yes	3	Moderate	Good form and structure; one sided W.; sparse crown.

Tree Assessment

Brachers Elementary
 Santa Clara, California
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TREE No.	SPECIES	SIZE DIAMETER (in inches)	PROTECTED	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
138	Coast redwood	14,9	Yes	3	Moderate	Codominant trunks at 4'; good form and structure; sparse crown.
139	Coast redwood	13	Yes	2	Low	Interior tree; very sparse crown.
140	Coast redwood	22	Yes	3	Moderate	Good form and structure; one sided NW.; sparse crown.
141	Coast redwood	29,26,8	Yes	3	Moderate	Multiple attachments at 3'; good form and structure; one sided N.; sparse crown.
142	Coast redwood	23	Yes	4	Moderate	Multiple attachments at 3'; good form and structure; lost top; sparse crown.
143	Coast redwood	11	Yes	2	Low	Suppressed; lost top; little remains.
144	Coast redwood	27	Yes	3	Moderate	Good form and structure; one sided S.; sparse crown.
145	Coast redwood	26,23,16	Yes	3	Moderate	Multiple attachments at 2'; good form and structure; sparse crown; displacing black top 1".
146	Coast redwood	28	Yes	3	Moderate	Good form and structure; sparse crown; displacing black top 1".
147	Coast redwood	22,20	Yes	3	Moderate	Codominant trunks at 2'; good form and structure; sparse crown.
148	Cork oak	38	Yes	4	Moderate	Multiple attachments at 8'; good form and structure; heavy lateral SW.
149	Cork oak	23	Yes	3	Moderate	Codominant trunks at 8'; one sided S.
150	Cork oak	22	Yes	4	Moderate	Multiple attachments at 6'; narrow form; lateral NE.
151	Cork oak	23	Yes	3	Moderate	Multiple attachments at 6'; one sided S.
152	Coast redwood	25	Yes	4	Moderate	Good form and structure; sparse crown.
153	Coast redwood	19	Yes	3	Moderate	Good form and structure; one sided E.; sparse crown.

Tree Assessment

Brachers Elementary
 Santa Clara, California
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TREE No.	SPECIES	SIZE DIAMETER (in inches)	PROTECTED	CONDITION 1=POOR 5=EXCELLENT	SUITABILITY FOR PRESERVATION	COMMENTS
154	Coast redwood	21	Yes	3	Low	Sweeps SE. from base; crook in upper crown; sparse crown.
155	Coast redwood	8	Yes	2	Low	Suppressed; lost top; little remains.
156	Coast redwood	15,13	Yes	3	Moderate	Codominant trunks at 2'; one sided S.; sparse crown.
157	Cork oak	31	Yes	4	Moderate	Multiple attachments at 6'; one stem forms low lateral NE.
158	Cork oak	26	Yes	3	Moderate	Multiple attachments at 6'; narrow attachments; lateral S. reduced; dieback.
159	Ginkgo	14	Yes	4	Moderate	Slight lean S.; pruned for overhead utilities W.
160	Ginkgo	12	Yes	3	Moderate	Female; narrow form; pruned for overhead utilities W.
161	Ginkgo	13	Yes	3	Moderate	Codominant trunks at 4'; leans SE.
162	Ginkgo	9	No	3	Moderate	Female; narrow form; tooped for overhead utilities W.
163	Italian stone pine	29,28	Yes	4	High	Codominant trunks at 2'; good form; tooped for overhead utilities S.



Existing Site Conditions
 Bracher Elementary School
 2700 Chromite Dr.
 Santa Clara, CA 95051

Tree Assessment Plan



325 Ray Street
 Pleasanton, CA 94566
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June 11, 2019

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 Fax: 408.985.7260
 www.verdedesigninc.com

**Appendix C: Archaeological Review
Basin Research Associates,
Revised November 13, 2024**

[Confidential – held on file at the District]

Appendix D: Geohazards and Geotechnical Reports

**GEOTECHNICAL STUDY
PROPOSED IMPROVEMENTS TO
BRACHER ELEMENTARY SCHOOL**

**2700 CHROMITE DRIVE
SANTA CLARA, CALIFORNIA**

**AUGUST 26, 2024
PROJECT PA24.1013.00**

SUBMITTED TO:

**Santa Clara Unified School District
1889 Lawrence Road
Santa Clara, CA 95051**

PREPARED BY:

**Geo-Logic Associates
6300 San Ignacio Avenue, Suite A
San Jose, California 95119
(408) 778-2818**



**GEOTECHNICAL STUDY
PROPOSED IMPROVEMENTS TO BRACHER ELEMENTARY SCHOOL
2700 CHROMITE DRIVE
SANTA CLARA, CALIFORNIA**

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Figure 1 Site Plan

Appendix A - Keys to Soil Classification and Drill Hole Logs

- Keys to Soil Classification (Fine and Coarse Grained Soils)
- Logs of Exploratory Drill Holes DH-1 through DH-5 (this study)
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Appendix C – Results of Liquefaction Analysis

- Results of Liquefaction Analysis, CPT-1 and CPT-2 (this study)

Appendix D – Site Response Analysis (Hudson Geotechnics Report)

1 INTRODUCTION

This report presents the results of our geotechnical study for the proposed improvements at Bracher Elementary School located at 2700 Chromite Drive, Santa Clara, Santa Clara County, California. The approximate location of the campus is shown on the Vicinity Map included with Figure 1 of this report. Figure 1 shows a layout of the existing and proposed improvements.

This report presents our findings, conclusions, and geotechnical recommendations for design and construction of the project. These findings, conclusions, and recommendations are based on information collected during this study. The conclusions and recommendations in this report should not be extrapolated to other areas or used for other projects without our review.

Our firm is preparing an update letter to our geologic and seismic hazards (geohazards) evaluation report dated January 23, 2023, Project PA22.1054, for the campus.

1.1 Project Description

The project will involve construction of a one-story multi-purpose room (MPR) building, a one-story PS classroom building, a one-story TK classroom building, a new shade structure, and a new parking lot. The approximate building footprint area is roughly 10,800 square feet (sf) for the MPR building, roughly 3,765 sf for the PS classroom, and roughly 6,300 sf for the TK classroom. The shade structure will measure 40 feet by 75 feet in plan dimension. The new parking lot will be located in the northeastern portion of the campus. Other site improvements will include play structure, lunch shelter, storm water management basins, underground utilities, exterior flatwork, and landscaping.

Site grading associated with this project is anticipated to involve cuts and fills of up to about 1 to 3 feet because of the essentially flat-lying topography across the project site. Deeper excavations will be necessary for installation of underground utilities and construction of foundations.

The above project descriptions are based on information provided to us. If the actual project differs from those described above, Geo-Logic Associates (GLA) should be contacted to review our findings, conclusions, and recommendations, and to present any necessary modifications to address the different project development schemes.

1.2 Information Provided

For this study, Santa Clara Unified School District provided us with the following information.

- A set of three architectural concept drawings showing the proposed improvements, labelled “Schematic Design Meeting #2”.
- A drawing titled “Bracher Elementary School Shade Struct. & Paving Improvements,” Sheet L0.02, prepared by LPA Design Studio, dated February 7, 2024.

- A set of four drawings titled “Supplemental Topographic Survey, Bracher Elementary School, 2700 Chromite Drive, City of Santa Clara, Santa Clara County, California,” prepared by Sandis, dated March 18, 2024.
- Preliminary building loads for the MPR, PS, and TK buildings, provided by the project structure engineer.

1.3 Objective and Scope of Services

The objective of this geotechnical study was to explore subsurface conditions in the project area, perform field percolation testing in proposed storm water management basin areas, and to provide geotechnical recommendations for design and construction of the proposed improvements. The following work was performed.

1. Reviewed information from our 2023 geohazards and geotechnical studies, and our concurrent geohazards update.
2. Performed a site reconnaissance to observe site surface conditions and to mark locations of our subsurface exploration.
3. Notified Underground Service Alert (USA) for underground utility clearance.
4. Coordinated our field exploration with the District.
5. Subcontracted with a private underground services locator to check the proposed exploration locations for presence of underground utilities.
6. Obtained a Santa Clara Valley Water District (SCVWD) drilling permit.
7. Explored subsurface conditions by means of five exploratory drill holes and two cone penetration test (CPT) probes.
8. Converted two of the drill holes to percolation test holes and drilled two additional percolation test holes (total of four percolation test holes).
9. Performed field percolation tests in the test holes.
10. Collected a bulk sample of the near-surface soil from the new parking lot area.
11. Performed laboratory tests on selected soil samples from the drill holes.
12. Performed engineering analysis on the field and laboratory data, including a site-specific

risk-targeted maximum considered earthquake (MCE_R) ground motion hazard analysis following ASCE (American Society of Civil Engineers) 7-16 guidelines.

13. Attended conference calls with the project team.
14. Prepared a preliminary geotechnical findings and recommendations memorandum.
15. Prepared this geotechnical study report.

2 SITE INVESTIGATION

This study consists of a site reconnaissance, a subsurface exploration program, and field percolation testing. The site reconnaissance was to observe existing site surface conditions. The subsurface exploration program was to explore subsurface earth conditions at the project site. The percolation testing was to measure field percolation rates in the proposed storm water management basin areas. The observed surface and subsurface site conditions and our field percolation test information are discussed in Section 3 of this report.

2.1 Subsurface Exploration

Our subsurface exploration program consisted of five exploratory drill holes (DH-1 through DH-5) and two cone penetration test probes (CPT-1 and CPT-2) advanced on April 17, 2024. The drill holes and CPT probes were located in the field by referencing to existing site features and pacing; therefore, their locations are approximate. The approximate locations of the drill holes and CPT probes are shown in Figure 1 of this report.

Exploratory Drill Holes: The drill holes were advanced using a track-mounted CME 55 drilling rig equipped with 6-inch diameter hollow stem augers to depths of approximately 5 and 20 feet below ground surface (bgs). Soil samples were obtained using a 2-inch outside diameter (O.D.; 1.4-inch inside diameter, I.D.) split-barrel sampler (also called a Standard Penetration Test sampler) and a 3-inch O.D. (2½-inch I.D.) split-barrel sampler. Soil samples were obtained by driving the sampler up to 18 inches into the earth material using a 140-pound automatic trip hammer falling 30 inches. The number of blows required to drive the sampler was recorded for each 6-inch penetration interval. The number of blows required to drive the sampler the last 12 inches, or the penetration interval indicated on the log when harder material was encountered, is shown as blows per foot (blow count) on the drill hole logs.

In the field, our personnel visually classified the materials encountered and maintained a log of each drill hole. Visual classification of soils encountered in our drill holes was made in general accordance with the Unified Soil Classification System (ASTM D-2487 and D-2488). The results of our laboratory tests were used to refine our field classifications. Two Keys to Soil Classification, one for fine grained soils and one for coarse grained soils, are included in Appendix A, together with the logs of the drill holes.

CPT Probes: CPT-1 and CPT-2 were performed by Middle Earth Geo Testing to a depth of about 50 feet bgs. CPT involves pushing a small diameter (15 cm² cross-sectional area cone was used for this project) steel probe into the ground using a hydraulic jack attached to a truck-mounted rig. The probe is instrumented and takes almost continuous measurements of tip resistance, side friction resistance, and pore pressure. In the CPT probes, shear wave velocity was measured at approximately 5-foot vertical intervals. Graphic presentations of the CPT data and the measured shear wave velocity plots are included in Appendix A of this report.

2.2 Field Percolation Testing

On April 17, 2024, four percolation test holes (P-1 through P-4) were constructed in the approximate locations shown in Figure 1 of this report. The percolation test holes were drilled to depths of about 4.5 to 5 feet bgs using the same CME 55 drilling rig used for the geotechnical drill holes. P-3 and P-4 were converted from drill holes DH-4 and DH-5, respectively. In each test hole, a 1- to 2-inch thick layer of gravel was placed at the bottom, followed by installation of a 3-inch diameter ASTM F810 pipe. Each pipe was slotted in the bottom 2 feet and the upper portion of the pipe was solid. Gravel was used to fill the bottom roughly 2 feet of the annular space in each test hole, with about 6 inches of bentonite chips over the gravel and on-site soil over the bentonite chips. The test holes were filled with water for presoaking. After completion of our testing, the percolation test holes were filled with concrete. Refer to Section 3.4 for the field percolation test results.

2.3 Laboratory Testing

Geotechnical laboratory testing was conducted on selected soil samples collected from our drill holes. These tests included moisture content, dry density, Atterberg limits, sieve analysis, and percent passing a No. 200 sieve. The laboratory test results are presented on the drill hole logs at the corresponding sample depths. Graphic presentations of the results of the Atterberg limits and sieve analysis tests are presented on separate sheets in Appendix B.

In addition to geotechnical testing, two selected soil samples were sent to CERCO Analytical for corrosivity analysis. A brief report from CERCO Analytical with the corrosivity test results is included in Appendix B.

3 FINDINGS

3.1 Surface Conditions

The school property is bordered by Chromite Drive to the north, Bowers Avenue to the west, residential properties and Bonnie Drive to the south, and residential properties to the east. Main access to the site is from Chromite Drive. Existing improvements are located mainly in the western portion of the campus and the eastern portion of the campus is currently a grass field. There are scattered trees throughout the campus.

The project area is located in the grass field in the northeastern portion of the campus. The shade structure will be located in the asphalt playground area southwest of a recently constructed play structure and southeast of the existing classroom building G.

Topography across the campus is quite flat, and nearly level. The site ground surface slopes down gently towards the northeast. Accordingly to the campus topographic map provided to us, existing ground surface elevation in the northeastern portion of the campus is about 51 to 52 feet, and total relief across the school campus is about 2 to 3 feet.

3.2 Subsurface Conditions

3.2.1 This Study

Subsurface soils encountered in our DH-1 through DH-5 are similar. The upper soil layer consists of stiff to very stiff fat clay of high plasticity and high expansion potential to depths of roughly 8½ to 9 feet bgs (to the maximum explored depth of about 5 feet in DH-4 and DH-5). The fat clay is underlain by a layer of medium dense to dense granular soil consisting of well graded sand with clay, clayey sand with gravel, and poorly graded sand with gravel and clay to depths of roughly 12 to 17 feet bgs. The granular soil is underlain by layers of firm to stiff clays of intermediate plasticity to the maximum explored depth of roughly 20 feet bgs.

In CPT-1, the interpreted soil behavior types include stiff cohesive soils from ground surface to a depth of about 9½ feet bgs, medium dense to dense sandy soils to a depth of about 17 feet bgs, firm to stiff cohesive soils to a depth of about 34 feet bgs, stiff to very stiff cohesive soils to a depth of about 41 feet bgs, dense sandy soils to a depth of about 42 feet bgs, and stiff to very stiff cohesive soils to the bottom of the CPT at about 50 feet bgs.

In CPT-2, the interpreted soil behavior types include stiff cohesive soils from ground surface to a depth of about 10½ feet bgs, medium dense to dense sandy soils to a depth of about 13½ feet bgs, firm to stiff cohesive soils to a depth of about 21½ feet bgs, stiff to very stiff cohesive soils to a depth of about 41½ feet bgs, and dense to very dense sandy soils to the bottom of the CPT at about 50 feet bgs.

3.2.2 GLA 2023 Study

Three drill holes (DH-1 through DH-3) were advanced during our 2023 study. The description of subsurface conditions below was extracted from our 2023 geotechnical report.

In drill hole DH-1, a pavement section consisting of approximately 1 inch of asphalt concrete over approximately 5 inches of base rock was encountered at the ground surface. The pavement is underlain by stiff to hard clay of intermediate plasticity to a depth of about 8 feet below ground surface (bgs). This clay is underlain by loose to medium dense clayey sand to a depth of about 12 feet bgs, firm clay to a depth of about 24.5 feet bgs, very dense poorly graded sand with gravel to a depth of about 27 feet bgs, soft to firm to stiff clay to a depth of about 37 feet bgs, firm to stiff lean clay to a depth of about 43 feet bgs, medium dense poorly graded sand to a depth of about 46 feet bgs, and stiff clay to the maximum explored depth of about 50 feet bgs.

Drill hole DH-2 was located in the east-central portion of the playground area. In DH-2, a layer of very stiff clay of intermediate plasticity was encountered below ground surface to a depth of about 8 feet bgs. This clay is underlain by loose to medium dense clayey sand to a depth of about 12 feet bgs, firm to stiff clay to a depth of about 17 feet bgs, and stiff clay to the maximum explored depth of about 20 feet bgs.

Drill hole DH-3 was located in the grass field east of the southernmost existing play structure. In DH-3, a layer of stiff to very stiff clay of intermediate plasticity was encountered to a depth of about 7 feet bgs. This clay is underlain by medium dense clayey sand to a depth of about 12 feet bgs, medium dense to dense poorly graded sand to a depth of about 16 feet bgs, and stiff clay to the maximum explored depth of about 20 feet bgs.

3.3 **Groundwater**

This Study: Groundwater was encountered in our DH-1, DH-2, DH-3, CPT-1, and CPT-2, advanced in April 2024. The highest groundwater level was in CPT-1 at a depth of about 3 feet bgs based on pore pressure dissipation testing in the CPT. The lowest groundwater level was in DH-2 at about 8.5 feet bgs.

2023 Study: Groundwater was encountered in DH-1 and DH-3 (both advanced in November 2022) for our 2023 study, at a depth of about 18.5 and 13.5 feet bgs, respectively, at the time of drilling and about 20.5 and 9 feet, respectively, after completion of drilling. Groundwater was not encountered in DH-2 (2023) probably because the side wall of this drill hole was “sealed” by the clayey soil and there was not enough time for groundwater to enter the hole because the hole was backfilled immediately after completion of drilling. .

Our review of Plate 1.2, ““Depth to historically high ground water, historical liquefaction sites, and locations of boreholes, San Jose West 7.5-minute Quadrangle, California,” Seismic Hazard Zone Report 058, prepared by California Geological Survey, Department of Conservation, 2002 indicating that historically high groundwater level at the site was less than 10 feet.

It should be noted that fluctuations in the groundwater level may occur due to seasonal variations in rainfall and temperature, water level in nearby creeks, pumping from wells, regional groundwater recharge program, irrigation, or other factors that were not evident at the time of our study.

3.4 Percolation Testing

The four percolation test holes (P-1 through P-4) were constructed and presoaked with water on April 17, 2024. Percolation testing was conducted on April 24, 2023 by recording the drop of water level with time in each test hole. On the date of our testing, there was still water in the four test holes.

The percolation tests measure the length of time required for a quantity of water to infiltrate into the soil (laterally and vertically down) and is called “percolation rate”. It should be noted that percolation rate is related to, but not equal to, infiltration rate because infiltration rate is a measure of the speed of water as it progresses downward into the soil. To convert percolation rates to infiltration rates, the Porchet Method equation was used. The field measured percolation rates and estimated infiltration rates are tabulated below. These percolation and infiltration rates do not include a safety factor; therefore, an appropriate safety factor should be applied by the designer to account for long-term saturation and subsurface soil variation.

Test Hole	Depth of Hole Below Adjacent Ground Surface (feet)	Field Measured Percolation Rate (in/hr)	Estimated Infiltration Rate (in/hr)
P-1	4.5	0.093	0.0046
P-2	4.6	0.18	0.0088
P-3	5	0.18	0.008
P-4	4.5	0.062	0.0024

Note: Percolation assumes water can infiltrate the soil vertically down and laterally. Infiltration assumes water can only infiltrate the soil vertically down. No factor of safety is included in the percolation and infiltration rates.

3.5 Variations in Subsurface Conditions

Our interpretations of soil and groundwater conditions, as described in this report, are based on information obtained from subsurface exploration and laboratory testing for this study. Our conclusions and recommendations are based on these interpretations. Please realize the site has undergone different phases of development and grading. Therefore, it is likely that undisclosed variations in subsurface conditions exist at the site, particularly old foundations, abandoned utilities, and localized areas of deep and loose fill.

Careful observations should be made during construction to verify our interpretations. Should variations from our interpretations be found, we should be notified to evaluate whether any revisions should be made to our recommendations.

4 SEISMIC CONSIDERATIONS

4.1 Earthquake Faulting

The Greater San Francisco Bay area is seismically dominated by the active San Andreas Fault system, the tectonic boundary between the northward moving Pacific Plate (west of the fault) and the North American Plate (east of the fault). This movement is distributed across a complex system of generally strike-slip, right-lateral, and subparallel faults.

Potential sources of significant earthquake ground shaking at the site include several active and potentially active faults in the Greater San Francisco Bay area, as well as faults farther afield. The faults were first compiled on the State's Fault Activity Map (Jennings, 1994¹; Jennings and Bryant, 2010²). This map has now been integrated into the US Geological Survey's Quaternary Fault and Fold Database and made available as a .kmz "drape" over Google Earth terrain files.

The distance to a seismic source (fault) is defined by the Next Generation Attenuation (NGA) relationships as the closest distance to the seismogenic zone, be it in the subsurface or at the surface; distances may therefore differ from distances measured on the ground surface. The distances shown on the table below are for reference only, as they are horizontal distances from the site to the surface trace of the seismic source, and not necessarily the closest distance to a (dipping) seismogenic zone. These distances were measured using the US Geological Survey's Quaternary Fault and Fold Database, with major faults listed in approximate order of distance from the site; not all sources are listed in the summary table below.

Fault Name	Approximate Distance	Orientation from Site
Monte Vista-Shannon	9 km	Southwest
Hayward (southeast extension)	13 km	East
San Andreas (Santa Cruz Mts.)	15½ km	Southwest
Calaveras (central segment)	17½ km	East
Sargent	25 km	South
San Gregorio	37 km	Southwest
Zayante-Vergeles	37½ km	Southwest
Greenville	41½ km	East
Monterey Bay-Tularcitos	50½ km	South

4.2 Site Class for Seismic Design

As discussed in Section 4.5 below, the site is underlain by potentially liquefiable soil; therefore,

¹ Jennings, C.W. 1994, Fault Activity Map of California and Adjacent Areas, with Locations of Recent Volcanic Eruptions; California Division of Mines and Geology Geologic Data Map 6.

² Jennings, C.W. and W.A. Bryant, 2010, Fault Activity Map of California, California Geologic Data Map Series Map No. 6, California Geological Survey.

accordingly to Section 20.3.1 of ASCE 7-16, the site would be classified as Site Class F. An exception in Section 20.3.1 of ASCE 7-16 applies to structures with fundamental periods of vibration equal to or less than 0.5 second, under which the site class can be determined by assuming there is no liquefaction. Based on shear wave velocities measured in our 2024 CPTs, discussed below, for structures meeting the exception, the site would be classified as Site Class D.

Shear wave velocities of 833.7 feet per second (fps) and 845 fps were measured in CPT-1 and CPT-2 for this study, respectively. Our review of published shear wave velocity (V_{S30}) values at the U.S.G.S. "A Compilation of V_{S30} Values in the United States" webpage indicates the measured V_{S30} in the vicinity of the project site ranges between 712 fps and 984 fps (between 217 and 300 meters per second). These velocities correspond to a Site Class D per Table 20.3-1 of ASCE 7-16. The measured shear wave velocity plots for CPT-1 and CPT-2 are included in Appendix A.

4.3 Ground Accelerations

According to the 2022 California Building Code (CBC) and American Society of Civil Engineers (ASCE) Standard 7-16, the spectral response acceleration at any period can be taken as the lesser of the spectral response accelerations from the probabilistic and deterministic ground motion approaches. The U.S. Seismic Design Maps tool available at the Structural Engineers Association of California (SEAOC) website was used for this purpose to retrieve seismic design parameter values for design of buildings at the subject site. Two levels of ground motions are considered in the Application: Risk-targeted Maximum Considered Earthquake (MCE_R) and Design Earthquake (DE), with both probabilistic and deterministic values defined in terms of maximum-direction rather than geometric-mean, horizontal spectral acceleration (S_a). The probabilistic MCE_R spectral response accelerations are represented by a 5 percent damped acceleration response spectrum having a 1 percent probability of collapse within a 50-year period and in the direction of the maximum horizontal response. The probabilistic Design Earthquake (DE) S_a value at any period can be taken as two-thirds of the MCE_R S_a value at the same period.

Using the Seismic Design Maps application at the SEAOC website, a site Class D, and the latitude and longitude of the site (latitude 37.366755° N, longitude -121.975393° W), the calculated geometric mean peak ground acceleration adjusted for site class effects (PGA_M) for the MCE_G (Geometric Mean Maximum Considered Earthquake) is 0.55g.

4.4 Seismicity

The Working Group on California Earthquake Probabilities' (WGCEP) estimates of the probabilities of major earthquakes are now in their sixth iteration, with the greatest changes in approach being the inclusion of multifold rupture scenarios, in the progressive consideration of more potential seismic sources, the possibility of earthquakes on unrecognized faults, and the inclusion of the notion of fault "readiness". Current estimates (WGCEP, 2014) for the San Francisco region indicate a 72% probability of a large (magnitude 6.7 or greater) earthquake in the San Francisco Bay area as a whole over the 30-year period beginning in 2014; this overall probability is greater than the previous (WGCEP, 2007) probability of 63%, due mainly to the

inclusion of multi-fault rupture scenarios. The estimate for the Calaveras fault alone is 14.4% (revised up from the 7% presented by WGCEP, 2007); for the (northern) San Andreas fault alone, 27.4% (revised upward from the WGCEP (2007) value of 21%); and for the Hayward fault, 45.3% (revised upward from the WGCEP (2007) value of 31%).

4.5 Liquefaction

Soil liquefaction is a phenomenon in which saturated granular soils, and certain fine-grained soils, lose their strength due to the build-up of excess pore water pressure during cyclic loading, such as that induced by earthquakes. Soils most susceptible to liquefaction are saturated, clean, loose, fine-grained sands and non-plastic silts. Certain gravels, plastic silts, and clays are also susceptible to liquefaction. The primary factors affecting soil liquefaction include: 1) intensity and duration of seismic shaking; 2) soil type; 3) relative density of granular soils; 4) moisture content and plasticity of fine-grained soils; 5) overburden pressure; and 6) depth to groundwater.

The project site is located in a California Geological Survey (CGS) Earthquake Zones of Required Investigation liquefaction hazard zone and a County of Santa Clara liquefaction hazard zone.

We assessed the liquefaction potential at the project site using CPT-1 and CPT-2 from this study and the computer program CLiq. The assessment was based on a peak ground acceleration (PGA) of 0.55g, earthquake moment magnitude of 7.5, and a groundwater level of 3 feet bgs. The estimated total ground settlements for sand below groundwater due to liquefaction are presented in the table below. The estimated liquefaction potential index (LPI) is also presented in the table below. For LPI less than 5, the risk of liquefaction is low. The results of our liquefaction analysis are included in Appendix C.

Condition	CPT-1		CPT-2	
	Estimated Settlements (in.)	LPI	Estimated Settlements (in.)	LPI
Sand only	0.48	3.6	0.16	1.2

In our 2023 study, we performed a liquefaction assessment following the NCEER procedures using the subsurface information from our drill holes DH-1, DH-2, and DH-3, a peak ground acceleration of 0.55g, earthquake moment magnitude of 7.5, and a groundwater level of 8 feet bgs. The estimated liquefaction-induced total ground settlement ranged from about 1.1 to 1.2 inches for the sandy soils encountered in our drill holes. Our settlement estimates based on our 2024 CPT data (tabulated above) are lower than those from our 2023 study based on drill hole data. This is typical because CPT can better define the limits of the sand layers.

4.6 Cyclic Softening of Fine-grained Soils

Ground failures in deposits of clays and plastic silts (i.e. cohesive soils) have been observed during earthquakes, but such failures are considerably less common than in deposits of saturated sands

and other cohesionless soils (Idriss & Boulanger, 2008³). The term “cyclic softening” is used in reference to strength loss and deformation in clays and plastic silts, while the term “liquefaction” is used in reference to strength loss and deformation in saturated sands and other cohesionless soils (Idriss & Boulanger, 2008).

We updated the table from our 2023 study regarding assessment of cyclic softening susceptibility. Our assessment on cyclic softening of the clayey soils encountered in our 2023 and 2024 drill holes was based on the criteria by Bray and Sancio, 2006⁴. The results of our analysis, as shown in the table below, suggest the clayey soils are generally “not susceptible to cyclic softening”.

Table 4.6-1 Cyclic Softening Susceptibility Based on 2023 and 2024 Drill Hole Data						
Drill Hole	Depth, ft	Water Content, %	Liquid Limit, %	Plastic Index, %	WC/LL	Cyclic Softening Susceptibility
DH-1 (2024)	15	23	36	19	0.64	Not susceptible
DH-1 (2024)	20	24	36	19	0.67	Not susceptible
DH-2 (2024)	15	24	36	19	0.67	Not susceptible
DH-2 (2024)	20	26	36	19	0.72	Not susceptible
DH-3 (2024)	20	16	36	19	0.44	Not susceptible
DH-1 (2023)	15	26	36	19	0.72	Not susceptible
DH-1 (2023)	20	27	36	19	0.75	Not susceptible
DH-1 (2023)	30	31	36	19	0.86	Not susceptible
DH-1 (2023)	35	20	29	14	0.69	Not susceptible
DH-1 (2023)	40	23	29	14	0.79	Not susceptible
DH-1 (2023)	50	22	29	14	0.76	Not susceptible
DH-2 (2023)	15	25	36	19	0.69	Not susceptible
DH-2 (2023)	20	21	36	19	0.58	Not susceptible
DH-3 (2023)	20	20	36	19	0.56	Not susceptible

Based on the above table, in our opinion, the potential for cyclic softening of clay soils is low.

4.7 Lateral Spreading

Lateral spreading is horizontal movement of soil toward a free face, such as a creek bank, typically associated with liquefaction. Liquefaction-induced lateral spreading can also occur on mild slopes (flatter than 5%) underlain by loose sands and shallow groundwater. If liquefaction occurs, the unsaturated overburden soil can slide as intact blocks over the lower, liquefied deposit, creating fissures and scarps. The potential for lateral spreading in general mirrors the potential for liquefaction, and the depth of the liquefiable soil layers with respect to the creek banks.

³ I.M. Idriss and R.W. Boulanger, 2008, Soil Liquefaction During Earthquakes, Earthquake Engineering Research Institute.

⁴ Bray, J.D. and R.B. Sancio, Assessment of the Liquefaction Susceptibility of Fine-Grained Soils, Journal of Geotechnical and Geoenvironmental Engineering, September 2006.

The nearest significant free face is Saratoga Creek, located about 1,700 feet east of the site and its axis is roughly 15 to 20 feet bgs. In our opinion, the potential for lateral spreading to adversely affect the project site is low because there is no case history of lateral spreading where L/H is greater than 50 (L is the horizontal distance between the site and a free face and H is the vertical height of the free face) (personal communication with Dr. Peter K. Robertson, 2021).

4.8 Seismic Design Parameters

Design of the proposed structures should comply with design for structures located in seismically active areas. Structures should be designed in accordance with the requirements of governing jurisdictions and applicable building codes.

4.8.1 Site-specific Site Response Analysis

We understand from the project structural engineer that the fundamental periods of vibration of the proposed MPR, PS Classroom, and TK Classroom buildings may be greater than 0.5 second. Therefore, the exception in Section 20.3.1 of ASCE 7-16 would not be applicable and because the site is underlain by potentially liquefiable soils (Site Class F), a site response analysis in accordance with Section 21.1 of ASCE 7-16 is required (Section 20.2, ASCE 7-16).

A site response analysis was performed by our subconsultant, Hudson Geotechnics, for this campus. The results of their analysis and the site-specific ground surface MCE_R design curves for structural design is presented in a report prepared by Hudson (see Appendix D of this report). The curves are included in Figure 13 with tabulated values in Table 8 of the Hudson report.

4.8.2 Code Based Parameters

For structures with fundamental periods of vibration of equal to or less than 0.5 second, the exception in Section 20.3.1 of ASCE 7-16 allows the site class to be evaluated assuming there is no liquefaction. The shear wave velocities of 833.7 fps and 845 fps measured in CPT-1 and CPT-2 for this study corresponds to a Site Class D (assuming no liquefaction). GLA evaluated ASCE 7-16 seismic design parameters using the SEAOC U.S. Design Maps application and ASCE 7-16 Supplement 3. For Site Class D sites, in accordance with Section 11.4.8 of ASCE 7-16, a ground motion hazard analysis is required when the Mapped Spectral Acceleration at 1.0-second Period (S_1) value is greater than or equal to 0.2g, but Supplement 3 of ASCE 7-16 provides an exception such that a ground motion hazard analysis is not required where the value of the parameter S_{M1} is increased by 50% for all applications of S_{M1} . The parameters below include a 50% increase to S_{M1} and thus S_{D1} .

Seismic Design Parameter	Value
Site Class	D ¹
Site Coefficient, F_a	1.0
Site Coefficient, F_v	1.7
Mapped Spectral Acceleration at 0.2-second Period, S_s	1.5g
Mapped Spectral Acceleration at 1.0-second Period, S_1	0.6g
Spectral Acceleration at 0.2-second Period Adjusted for Site Class, S_{MS}	1.5g
Spectral Acceleration at 1.0-second Period Adjusted for Site Class, S_{M1}	1.53g ²
Design Spectral Response Acceleration at 0.2-second Period, S_{DS}	1.0g
Design Spectral Response Acceleration at 1.0-second Period, S_{D1}	1.02g ²
Long-period Transition Period, T_L	12 sec.
<p>Notes:</p> <ol style="list-style-type: none"> The site would be Site Class F because it is underlain by liquefiable soils. But if the fundamental periods of vibration of the structures are equal to or less than 0.5 second, the Site Class can be determined by assuming there is no liquefaction (ASCE 7-16 Section 20.3.1). Therefore, Site Class D was selected based on shear wave velocities measured at this site. Value increased by 50% based on Note 1, Section 11.4.8, ASCE 7-16 Supplement 3. 	

5 CONCLUSIONS AND DISCUSSION

Based on our geotechnical evaluation, it is our opinion the project site may be improved as discussed in this report, provided our geotechnical recommendations are incorporated in the design and construction of the improvements. Our opinions, conclusions, and recommendations are based on our understanding of the proposed development, data review, properties of soils encountered in subsurface exploration, laboratory test results, and engineering analyses. Geotechnical considerations for this project are discussed below.

5.1 Ground Rupture

The project site is not located in an Alquist-Priolo Earthquake Fault Zone. Because no active or potentially active faults are known to cross the site, the risk of fault rupture through the project site is low.

5.2 Seismic Shaking

The site is in an area of high seismicity. Based on general knowledge of site seismicity, it should be anticipated that, during the design life of the improvements, the site will be subject to high intensity ground shaking from at least one severe earthquake (magnitude 7 to 8+). It is also anticipated that the site will periodically experience small to moderate magnitude earthquakes. The proposed improvements should be designed accordingly using applicable building codes and experience of the design professionals.

5.3 Liquefaction and Cyclic Softening of Soils

The project site is located in a California Geological Survey (CGS) Earthquake Zones of Required Investigation liquefaction hazard zone and a County of Santa Clara liquefaction hazard zone. The estimated total ground settlement as a result of liquefaction is about ½ inch. Potential differential ground settlement would be about ¼ inch across a distance of about 30 feet.

As presented in Section 4.5 above, the fine-grained soils encountered in our drill holes are generally not susceptible to cyclic softening from an earthquake.

5.4 Expansion Potential of Surficial Soils

The results of an Atterberg limits test performed on a near-surface clay sample from our DH-1 indicate the clay has a high plasticity which generally corresponds to a high expansion potential.

Expansive soils can undergo significant volume changes (shrinking or swelling) due to changes in the moisture content. Changes in soil moisture content can result from rainfall, landscape irrigation, perched groundwater, drought or other factors. Shrinking and swelling in expansive soils may result in unacceptable settlement and/or heave of structures, concrete slabs, and pavements supported on the soils.

Mitigations for the potential effects of expansive soils include: 1) moisture conditioning and controlled compaction of the expansive soils; 2) supporting structures on a layer of “non-expansive” fill; 3) supporting structures on deep foundation systems; and 4) lime treatment of the expansive soil to reduce its expansive potential. Depending on the extent and location below finished subgrade, expansive soils could have a detrimental effect on the proposed construction.

To reduce its potential impact on the proposed improvements, the upper portion of expansive soil in proposed building and concrete slab-on-grade areas should be moisture conditioned with controlled compaction. Concrete slabs-on-grade should be constructed on a layer of “non-expansive” fill. The building foundations should extend deeper than the typical embedment. Refer to the “Recommendations” section of the report.

5.5 Existing Improvements

Existing improvements on the campus include miscellaneous structures, underground utilities, fences, pavements, and isolated trees. The proposed improvements will be constructed near existing improvements. Project designers should be careful in their design and contractors should be careful during construction to avoid impact or damage to the existing buildings and improvements.

5.6 Shallow Groundwater

Groundwater was encountered as shallow as 3 feet bgs during this study. Groundwater was encountered as shallow as 9 feet bgs during our 2023 study. Typically, groundwater levels fluctuate between the dry summer and wet winter months. Design and construction of underground improvements should consider the shallow groundwater level at the site. Groundwater can reduce stability of excavation side-walls, impede construction, and induce buoyancy force on buried pipes. Soils below groundwater level will be wet and require drying before the material can be used as fill.

Excavations extending below groundwater will require dewatering and special considerations so construction can proceed in a "dry" condition. Refer to the “Recommendations” section of this report.

6 GEOTECHNICAL RECOMMENDATIONS

6.1 Earthwork

6.1.1 Site Preparation, Clearing and Stripping

Prior to construction, areas to receive improvements should be cleared of designated existing improvements, obstructions, deleterious materials, debris, abandoned or designated utility lines, designated trees, and other below grade obstacles encountered during construction. Tree stumps should be grubbed. Roots with diameter of about 1 inch or larger or length of about 3 feet or longer should be removed. Depressions, excavations, and holes that extend below the planned finish grades should be cleaned and backfilled with engineered fill compacted to the requirements given under the section of "Engineered Fill Placement and Compaction."

After clearing, vegetated areas should be stripped to sufficient depth to remove vegetation and organic-laden topsoil. Organic laden soils are defined as soils with more than 3 percent by weight of organic content. Stripped material may be stockpiled for use in landscape areas if approved by the project landscape architect; otherwise, it should be removed from the site. For planning purposes, an estimated stripping depth of about 3 to 6 inches may be assumed in lawn and vegetated areas. The actual stripping depth should be determined in the field by the Geotechnical Engineer at the time of construction.

6.1.2 Excavation, Temporary Construction Slopes, Shoring, and Dewatering

Excavations are expected for demolition, cuts to achieve design grades, installation of underground improvements, and foundation construction. Excavation walls in clayey soil and less than 5 feet in height should be able to stand near vertical with minimal bracing, provided proper moisture content in the soil is maintained. Granular (sand and gravel) soils, typically have little or no cohesion, will require more extensive bracing or laying back because they are prone to sudden collapse. Excavations and temporary construction slopes should be constructed in accordance with the current CAL-OSHA safety standards and local jurisdiction. The stability and safety of excavations, braced or unbraced, is the responsibility of the contractor. Care should be exercised when excavating in the proximity of existing structures and improvements.

Contractors are responsible for the design, installation, maintenance, and removal of temporary shoring and bracing systems. The presence of existing improvements must be incorporated in the design of the shoring and bracing systems.

Shallow groundwater should be considered in the design and construction of excavations. Excavations extending below groundwater will require dewatering. Dewatering should lower the groundwater level to at least 2 feet below the bottom of the excavations. The design, installation, permitting, maintenance and removal of the dewatering system are the responsibility of the contractor. Wet and soft soils, if encountered in the bottom of the excavations, should be over-excavated and replaced with a granular material (such as ¾-inch by

No. 4, clean, crushed rock or crushed Class 2 Permeable material per Section 68 of Caltrans Standard Specifications) to create a stable working surface. The depth of over-excavations should be a function of the depth of wet and soft soils. If clean crushed rock is used, the rock should be encapsulated in a filter fabric, such as Mirafi 180N or equivalent. If Class 2 Permeable is used, a filter fabric is optional.

Trench excavations adjacent to existing or proposed foundations should be above an imaginary plane having an inclination of 1½:1 (horizontal to vertical) extending down from the bottom edge of the foundations. If achieving this is not possible, GLA should be contacted to evaluate options to protect the existing improvements.

6.1.3 Subgrade Preparation

After site clearing and stripping, expansive soils should be prepared as recommended below.

Building and concrete slab-on-grade areas: Soils in building and concrete slab-on-grade areas should be over-excavated to at least 18 inches below design pad grade, but not less than 12 inches below existing ground surface. The soil surface exposed by over-excavation should be scarified to a depth of 12 inches, moisture-conditioned, and compacted in accordance with the recommendations given in the "Engineered Fill Placement and Compaction" section below. In structure areas to receive concrete slabs-on-grade or foundations, subgrade preparation should extend at least 5 feet horizontally beyond the limits of the proposed structures and any adjoining flatwork, unless it is restricted by existing improvements.

Pavement areas: Soils in pavement areas should be over-excavated to at least 12 inches below existing ground surface. The soil surface exposed by over-excavation should be scarified to a depth of 8 inches, moisture-conditioned, and compacted in accordance with the recommendations given in the "Engineered Fill Placement and Compaction" section below. Subgrade preparation should extend at least 3 feet beyond the back of the curbs or pavements.

Non-structural areas: Subgrade soils in non-structural areas should be scarified to a depth of 8 inches, moisture-conditioned, and compacted in accordance with the recommendations given in the "Engineered Fill Placement and Compaction" section below.

Prepared soil subgrades should be non-yielding when proof-rolled by a fully-loaded water truck or similar weight equipment. Moisture conditioning of subgrade soils should consist of adding water if the soils are too dry and allowing the soils to dry if the soils are too wet. After the subgrades are properly prepared, the areas may be raised to design grades by placement of engineered fill.

Wet soils should be anticipated during and after rainy months and in existing grass field, building, and pavement areas. Where encountered, unstable, wet or soft soil will require processing before compaction can be achieved. If construction schedule does not allow for air-drying, other

means such as lime or cement treatment of the soil or excavation and replacement with suitable material may be considered. Geotextile fabrics may also be used to help stabilize the subgrade. The method to be used should be determined at the time of construction based on the actual site conditions. We recommend obtaining unit prices for subgrade stabilization during the construction bid process.

6.1.4 “Non-expansive” Fill

The building interior slabs and exterior concrete slabs-on-grade should be constructed on a section of “non-expansive” fill at least 12 inches thick. “Non-expansive” fill should meet the recommendations in the “Materials for Engineered Fill” section and should be compacted per the “Engineered Fill Placement and Compaction” section below.

6.1.5 Materials for Engineered Fill

In general, on-site soils with an organic content of less than 3 percent by weight, free of deleterious materials or hazardous substances, and meeting the gradation requirements below may be used as engineered fill except where special material (such as “non-expansive” fill, capillary break material, etc.) is recommended.

Engineered fill material should not contain rocks or lumps larger than 3 inches in greatest dimension, should not contain more than 15 percent of the material larger than 1½ inches, and should contain at least 20 percent passing the No. 200 sieve. In addition to these requirements, import fill should have a low expansion potential as indicated by Plasticity Index of 15 or less (per ASTM D4318) or Expansion Index of less than 20 (per ASTM D4829).

Import fills should be approved by the geotechnical engineer prior to delivery to the site. At least 5 working days prior to importing to the site, a representative sample of each proposed import fill should be delivered to our laboratory for evaluation. Import fills should be tested and approved for the intended site use per the California Department of Toxic Substances Control (DTSC) guidelines.

6.1.6 Engineered Fill Placement and Compaction

Engineered fill should be placed in horizontal lifts each not exceeding 8 inches in thickness, moisture conditioned to the required moisture content, and mechanically compacted to the recommendations below. Relative compaction or compaction is defined as the in-place dry density of the compacted soil divided by the laboratory maximum dry density as determined by ASTM Test Method D1557, latest edition, expressed as a percentage. Moisture conditioning of soils should consist of adding water to the soils if they are too dry and allowing the soils to dry if they are too wet.

Engineered fills consisting of on-site clay soils should be compacted to between 87 and 92 percent relative compaction at moisture content between 3 and 7 percent above the

laboratory optimum value. Engineered fills consisting of soils of low expansion potential, including “non-expansive” fill, should be compacted to at least 90 percent relative compaction at moisture content between 1 and 3 percent above the laboratory optimum value. In pavement areas, the upper 8 inches of subgrade soil should be compacted to between 90 and 95 percent relative compaction. Aggregate base in vehicle pavement areas should be compacted at slightly above the optimum moisture content to at least 95 percent relative compaction.

6.1.7 Utility Trench Backfill

Backfilling of utility trenches in private areas may consist of bedding material extending from the bottom of the trench to about 1 foot above the top of pipe, and on-site or imported backfill material above the bedding to the proposed finish subgrade. Bedding may consist of free-draining sand (less than 5% passing a No. 200 sieve), lean concrete, or sand cement slurry. Sand, if used as bedding, should be compacted to at least 90 percent relative compaction. Backfill material may consist of on-site or imported soil, and should be compacted per recommendations in the “Engineered Fill Placement and Compaction” section above.

The backfill material should be placed in lifts each not exceeding 6 inches in uncompacted thickness. Thicker lifts may be used if the contractor can demonstrate that the recommended level of compaction can be achieved with the compaction equipment and procedures used. Compaction should be performed by mechanical means only. Water jetting or flooding to attain compaction of backfill should not be permitted.

6.1.8 Considerations for Soil Moisture and Seepage Control

Subgrade soil and engineered fill should be compacted at moisture content meeting our recommendations. Consideration should be given to reducing the potential for water infiltration from the exterior to under the building through utility lines crossing the building perimeter. In utility lines crossing beneath perimeter foundations, permeable backfill should be terminated at least 1 foot outside of the perimeter foundation. Impermeable material, such as concrete or clay soil, should be used for the entire trench depth to act as a seepage cutoff.

Where concrete slabs or pavements abut against landscaped areas, the base rock layer and subgrade soil should be protected against saturation. Water if allowed to seep into the subgrade soil or pavement section could reduce the service life of the improvements. Methods that may be considered to reduce infiltration of water include: 1) subdrains installed behind curbs and slabs in landscape areas; 2) vertical cut-offs, such as a deepened curb section, or equivalent, extending at least 2 inches into the subgrade soil; and 3) use of a drip or controlled irrigation system for landscape watering.

6.1.9 Wet Weather Construction

If site grading and construction is to be performed during the winter rainy months, the owner and contractors should be fully aware of the potential impact of wet weather. Rainstorms can

cause delay to construction and damage to previously completed work by saturating compacted pads or subgrades, or flooding excavations.

Earthwork during rainy months will require extra effort and caution by the contractors. The contractors are responsible for protecting their work to avoid damage by rainwater. Standing pools of water should be pumped out immediately. Construction during wet weather conditions should be addressed in the project construction bid documents and specifications. We recommend the contractors submit a wet weather construction plan outlining procedures they will employ to protect their work and to minimize damage to their work by rainstorms.

6.2 Foundations

6.2.1 General

The proposed buildings and shade structure may be supported on conventional footing foundations. General recommendations for design of these foundations are presented below. The Geotechnical Engineer should review the foundation plans and details before construction and observe the foundation excavations during construction to evaluate if the foundation excavations extend into suitable bearing material.

Prior to placement of concrete, foundation excavations should be cleaned of loose soils. If unsuitable soils are encountered in the foundation excavations, the soils should be removed as recommended by the geotechnical engineer and replaced with approved material such as compacted engineered fill or lean concrete.

Foundation excavations should not be allowed to dry before placement of concrete. If visible cracks appear in the foundation excavations, the excavations should be thoroughly water conditioned beginning at least 2 days prior to placement of concrete to close all cracks. It is also important that the base of the foundation excavations not be allowed to become excessively wet, resulting in soft soils. Water should not be allowed to pond in the bottom of the excavations. Areas that become water damaged should be over-excavated to a firm base. The foundation excavations should be monitored by our representative for compliance with appropriate moisture control and to confirm the adequacy of the bearing materials.

To maintain the desired support, the bottom of foundations and other structural improvements adjacent to below-ground improvements, including utility trenches and bio-retention facilities, should be below an imaginary plane having an inclination of 1.5 horizontal to 1 vertical and extending upward from the bottom edge of the adjacent utility trenches or structures. If the footings are closer than the recommended distance, contact our office for recommendations.

6.2.2 Conventional Footings

Footings, continuous and isolated, may be used to support the proposed buildings and shade structure. Footings should bear on undisturbed on-site soil and/or properly compacted

engineered fill. Preparation of soil subgrade, moisture conditioning, and compaction of soil and engineered fill should be as recommended in the “Earthwork” section of this report.

Footings with embedment depth (bottom of footings) not more than 3 feet below existing ground surface (bgs) may be designed for a net allowable bearing pressure of 2,250 pounds per square foot (psf) due to dead plus live loads, and footings with embedment depth between 3 and 5½ feet bgs may be designed for a net allowable bearing pressure of 2,000 psf due to dead plus live loads. The dead plus live loads bearing pressure may be increased by one-third when including transient loads such as wind or seismic. The footing bottom should be at least 24 inches below lowest adjacent finish grade. Foundations should be at least 12 inches wide and should be reinforced as determined by the project structural engineer.

Resistance to lateral loads may be developed from a combination of friction between the bottom of foundations and the supporting subgrade, and by passive resistance acting against the vertical sides of the foundations. Footings bearing on native soil or engineered fill may be designed using an ultimate friction coefficient of 0.25 between the foundations and supporting subgrade, and an ultimate passive resistance of 250 pounds per cubic foot (pcf, equivalent fluid weight) acting against the embedded sides of the foundations. The passive pressure can be assumed to act starting at the top of the lowest adjacent grade in paved areas. In unpaved areas, the passive pressure can be assumed to act starting at a depth of 1 foot below grade. It should be noted that the passive resistance value discussed above is only applicable where the concrete is placed directly against undisturbed soil or engineered fills. Voids created by the use of forms should be backfilled with properly compacted engineered fill or with concrete.

Under non-seismic loads, total post-construction settlement of the footings is anticipated to be roughly 1 inch or less, with up to ½ inch of differential settlement over a distance of about 30 feet. This settlement is in addition to the potential liquefaction-induced settlements (see Section 4.5) which should be considered in project design.

6.3 Concrete Slabs-on-Grade

6.3.1 Interior Building Slabs-on-grade

Interior building concrete slabs-on-grade should be constructed on a layer of “non-expansive” fill over properly prepared subgrade soil as recommended in the “Earthwork” section of this report. Once the slab subgrade soil has been moisture conditioned and compacted, the soil should not be allowed to dry prior to concrete placement. If the subgrade soil is too dry, the moisture content of the soil should be restored to the recommended value prior to placement of concrete.

Slabs that will be covered with moisture sensitive floor coverings or where vapor transmission through the slab is undesirable should be underlain by at least 4 inches of capillary break material such as free draining, ¾-inch by No. 4 clean crushed rock. A visqueen layer should be placed over the capillary break material. The visqueen should be a high-quality polymer at least 15 mils thick that is resistant to puncture during slab construction. Laps between sheets and openings should

be taped. Typically, the membrane and the slab are separated by 2 inches of sand but this should be determined by the Structural Engineer and Architect.

A lower water-cement ratio (0.45 to 0.50) will also help reduce the permeability of the floor slab. It should be understood that the recommended plastic membrane is not intended to waterproof the concrete slab floor. If waterproofing is desired, the project designers and/or a flooring expert should be contacted.

6.3.2 Exterior Slabs-on-grade

Exterior concrete slabs-on-grade should be constructed on a layer of “non-expansive” fill over properly moisture conditioned and compacted subgrade soil as recommended in the “Earthwork” section of this report. Soil subgrades should be moistened prior to placement of concrete for the concrete slabs. Design of reinforcement, joint spacing, etc. is the responsibility of the Design Engineer.

If desired, exterior concrete slabs-on-grade may be cast free from other adjacent structural elements by using a strip of 1/2-inch asphalt-impregnated felt divider material between the slab edges and the adjacent structural elements. Frequent construction or control joints should be provided in all concrete slabs where cracking is objectionable. Continuous reinforcing or dowels at the construction and control joints will also aid in reducing uneven slab movements.

6.4 VEHICLE PAVEMENTS

6.4.1 Asphalt Concrete Pavements

An R-value of less than 5 was measured on a sample of on-site soil collected from the proposed pavement area. For design purposes, an R-value of 5 was used to calculate the recommended pavement sections below using the Caltrans pavement design procedures. The project Civil Engineer should be consulted in the selection of pavement sections for the different areas.

Table 6.4.1-1 Recommended Flexible Pavement Sections			
TRAFFIC INDEX	HOT MIX ASPHALT (inches)	CLASS 2 AGGREGATE BASE (inches)	TOTAL (inches)
5.0	3.0	10.0	13.0
5.5	3.0	12.0	15.0
6.0	3.5	13.0	16.5
6.5	4.0	13.5	17.5
7.0	4.5	14.5	19.0
Notes:			
1. For playground areas, minimum recommended section is 2.5 inches of asphalt concrete over 7.5 inches of Class 2 Aggregate Base.			
2. For fire lane, minimum section should correspond to Traffic Index of 6.0 or 6.5.			

Pavement sections should be constructed on soil subgrades that have been prepared as outlined in the “Earthwork” section of this report. The on-site clay pavement subgrade soil should be compacted to between 90 and 95 percent relative compaction. The full section of aggregate base should be compacted to a minimum of 95 percent relative compaction. Evaluation of relative compaction should be based on ASTM D1557, latest edition. The Class 2 Aggregate Base material should conform to Section 26 of the Caltrans Standard Specifications.

6.4.2 Portland Cement Pavements

For Portland cement pavements, the minimum recommended sections is presented in the table below. Refer to the section above regarding compaction of subgrade soil and aggregate base.

Table 6.4.2-1 Recommended Portland Cement Pavement Sections		
TRAFFIC CATEGORY	PORTLAND CEMENT CONCRETE (inches)	CLASS 2 AGGREGATE BASE (inches)
A (ADTT=0)	4.0	6.0
A-1 (ADTT=1)	5.0	6.0
A-1 (ADTT=100)	6.5	6.0
B (ADTT=B)	6.5	6.0
Category A: car parking areas and access lanes (autos, pickups, and panel trucks only). Category A-1: truck access lanes. Category B: school bus parking areas and interior lanes. ADTT = average daily truck traffic. Concrete for PCC pavements should have a modulus of rupture of at least 550 psi.		

6.5 **Surface Drainage**

Engineering design of grading and drainage is the responsibility of the project civil engineer. Sufficient surface drainage should be provided to direct water away from buildings, foundations, concrete slabs-on-grade and pavements, and towards suitable collection and discharge facilities. Ponding of surface water should be avoided by establishing positive drainage away from all improvements.

7 PLAN REVIEW, EARTHWORK AND FOUNDATION OBSERVATION

Post-report geotechnical services by Geo-Logic Associates (GLA), typically consisting of pre-construction design consultations and reviews and construction observation and testing services, are necessary for GLA to confirm the recommendations contained in this report. This report is based on limited sampling and investigation, and by those constraints may not have discovered local anomalies or other varying conditions that may exist on the project site. Therefore, this report is only preliminary until GLA can confirm that actual conditions in the ground conform to those anticipated in the report. Accordingly, as an integral part of this report, GLA recommends post-report, construction related geotechnical services to assist the project team during design and construction of the project. GLA requires that it perform these services if it is to remain as the project Geotechnical Engineer-of-record.

During design, GLA can provide consultation and supplemental recommendations to assist the project team in design and value engineering, especially if the project design has been modified after completion of our report. It is impossible for us to anticipate every design scenario and use of construction materials during preparation of our report. Therefore, retaining GLA to provide post-report consultation will help address design changes, answer questions and evaluate alternatives proposed by the project designers and contractors.

Prior to issuing project plans and specifications for construction bidding purposes, GLA should review the grading, drainage and foundation plans and the project specifications to determine if the intent of our recommendations has been incorporated in these documents. We have found that such a review process will help reduce the likelihood of misinterpretation of our recommendations which may cause construction delay and additional cost.

Construction phase services can include, among other things, the observation and testing during site clearing, stripping, excavation, mass grading, subgrade preparation, fill placement and compaction, backfill compaction, foundation construction and pavement construction activities.

Geo-Logic Associates would be pleased to provide cost proposals for follow-up geotechnical services. Post-report geotechnical services may include additional field and laboratory services.

8 LIMITATIONS

In preparing the findings and professional opinions presented in this report, Geo-Logic Associates (GLA) has endeavored to follow generally accepted principles and practices of the engineering geologic and geotechnical engineering professions in the area and at the time our services were performed. No warranty, express or implied, is provided.

The conclusions and recommendations contained in this report are based, in part, on information that has been provided to us. In the event that the general development concept or general location and type of structures are modified, our conclusions and recommendations shall not be considered valid unless we are retained to review such changes and to make any necessary additions or changes to our recommendations. To remain as the project Geotechnical Engineer-of-record, GLA must be retained to provide geotechnical services as discussed under the Post-report Geotechnical Services section of this report.

Subsurface exploration is necessarily confined to selected locations and conditions may, and often do, vary between these locations. Should conditions different from those described in this report be encountered during project development, GLA should be consulted to review the conditions and determine whether our recommendations are still valid. Additional exploration, testing, and analysis may be required for such evaluation.

Should persons concerned with this project observe geotechnical features or conditions at the site or surrounding areas which are different from those described in this report, those observations should be reported immediately to GLA for evaluation.

It is important that the information in this report be made known to the design professionals involved with the project, that our recommendations be incorporated into project drawings and documents, and that the recommendations be carried out during construction by the contractor and subcontractors. It is not the responsibility of GLA to notify the design professionals and the project contractors and subcontractors.

The findings, conclusions, and recommendations in this report are applicable only to the specific project development on this specific site. These data should not be used for other projects, sites, or purposes unless they are reviewed by GLA or a qualified geotechnical professional.

Report prepared by,

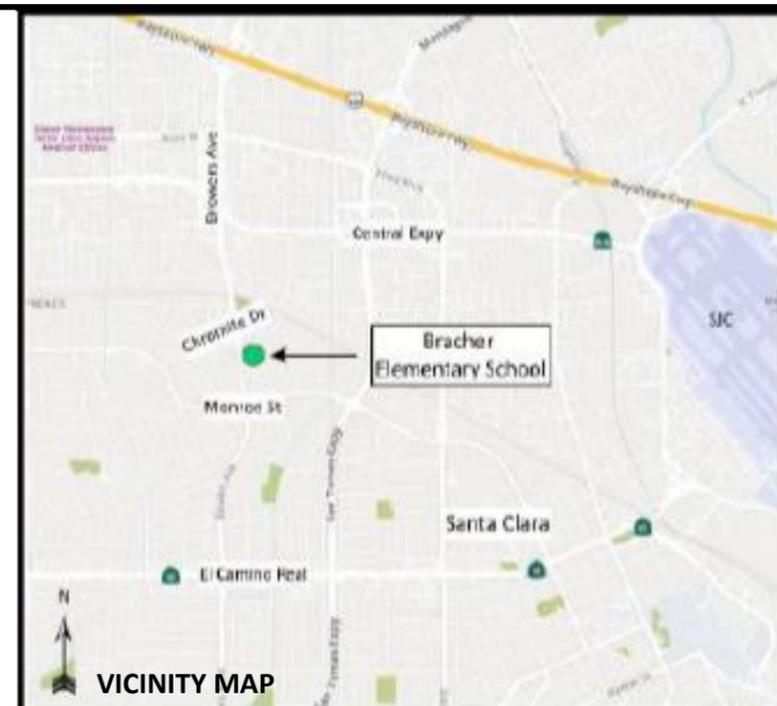
Geo-Logic Associates



Chalerm (Beeson) Liang
GE 2031



FIGURES



- Legend**
- Exploratory drill hole or CPT (this study)
 - Percolation test hole (this study)
 - Drill hole converted to percolation test hole (this study)
 - Previous exploratory drill hole or CPT (GLA 2022 study)

Base: Bracher Site Concept, provided by Santa Clara Unified School District on March 25, 2024.



6300 San Ignacio Avenue,
Suite A
San Jose, California 95119
Phone (408) 778-2818

Drafted By:
Date: June 2024
Checked By:
Revision:

SITE PLAN
Bracher Elementary School
2700 Chromite Drive
Santa Clara, California

FIGURE
1
PROJECT
PA24.1013.00

APPENDIX A

SUBSURFACE EXPLORATION

- Keys to Soil Classification
- Log of Drill Hole DH-1 through DH-5 (this study)
- Graphic Logs of CPT-1 and CPT-2 (this study)
- Plots of Measured Shear Wave Velocity for CPT-1 and CPT-2 (this study)
- Logs of Drill Holes DH-1 through DH-3 (GLA 2023 study)

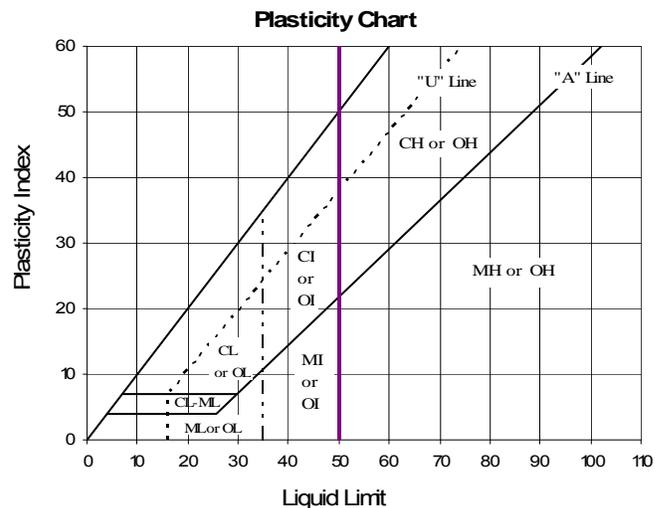
KEY TO SOIL CLASSIFICATION - FINE GRAINED SOILS
(50% OR MORE IS SMALLER THAN NO. 200 SIEVE SIZE)
(modified from ASTM D2487 to include fine grained soils with intermediate plasticity)

MAJOR DIVISIONS			GROUP SYMBOLS	GROUP NAMES
SILTS AND CLAYS (Liquid Limit less than 35) Low Plasticity	Inorganic	PI < 4 or plots below "A" line	ML	Silt, Silt with Sand or Gravel, Sandy or Gravelly Silt, Sandy or Gravelly Silt with Sand or Gravel
	Inorganic	PI > 7 or plots on or above "A" line	CL	Lean Clay, Lean Clay with Sand or Gravel, Sandy or Gravelly Lean Clay, Sandy or Gravelly Lean Clay with Sand or Gravel
	Inorganic	PI between 4 and 7	CL-ML	Silty Clay, Silty Clay with Sand or Gravel, Sandy or Gravelly Silty Clay, Sandy or Gravelly Silty Clay with Sand or Gravel
	Organic	See footnote 3	OL	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)
SILTS AND CLAYS (35 ≤ Liquid Limit < 50) Intermediate Plasticity	Inorganic	PI < 4 or plots below "A" line	MI	Silt, Silt with Sand or Gravel, Sandy or Gravelly Silt, Sandy or Gravelly Silt with Sand or Gravel
	Inorganic	PI > 7 or plots on or above "A" line	CI	Clay, Clay with Sand or Gravel, Sandy or Gravelly Clay, Sandy or Gravelly Clay with Sand or Gravel
	Organic	See footnote 3	OI	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)
SILTS AND CLAYS (Liquid Limit 50 or greater) High Plasticity	Inorganic	PI plots below "A" line	MH	Elastic Silt, Elastic Silt with Sand or Gravel, Sandy or Gravelly Elastic Silt, Sandy or Gravelly Elastic Silt with Sand or Gravel
	Inorganic	PI plots on or above "A" line	CH	Fat Clay, Fat Clay with Sand or Gravel, Sandy or Gravelly Fat Clay, Sandy or Gravelly Fat Clay with Sand or Gravel
	Organic	See note 3 below	OH	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)

1. If soil contains 15% to 29% plus No. 200 material, include "with sand" or "with gravel" to group name, whichever is predominant.
2. If soil contains ≥30% plus No. 200 material, include "sandy" or "gravelly" to group name, whichever is predominant. If soil contains ≥15% of sand or gravel sized material, add "with sand" or "with gravel" to group name.
3. Ratio of liquid limit of oven dried sample to liquid limit of not dried sample is less than 0.75.

CONSISTENCY	UNCONFINED SHEAR STRENGTH (KSF)	STANDARD PENETRATION (BLOWS/FOOT)
VERY SOFT	< 0.25	< 2
SOFT	0.25 – 0.5	2 – 4
FIRM	0.5 – 1.0	5 – 8
STIFF	1.0 – 2.0	9 – 15
VERY STIFF	2.0 – 4.0	16 – 30
HARD	> 4.0	> 30

MOISTURE	CRITERIA
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp, but no visible water
Wet	Visible free water, usually soil is below the water table



KEY TO SOIL CLASSIFICATION – COARSE GRAINED SOILS
(MORE THAN 50% IS LARGER THAN NO. 200 SIEVE SIZE)
(modified from ASTM D2487 to include fines with intermediate plasticity)

MAJOR DIVISIONS			GROUP SYMBOLS	GROUP NAMES ¹
GRAVELS (more than 50% of coarse fraction is larger than No. 4 sieve size)	Gravels with less than 5% fines	$Cu \geq 4$ and $1 \leq Cc \leq 3$	GW	Well Graded Gravel, Well Graded Gravel with Sand
		$Cu < 4$ and/or $1 > Cc > 3$	GP	Poorly Graded Gravel, Poorly Graded Gravel with Sand
	Gravels with 5% to 12% fines	ML, MI or MH fines	GW-GM	Well Graded Gravel with Silt, Well Graded Gravel with Silt and Sand
			GP-GM	Poorly Graded Gravel with Silt, Poorly Graded Gravel with Silt and Sand
		CL, CI or CH fines	GW-GC	Well Graded Gravel with Clay, Well Graded Gravel with Clay and Sand
			GP-GC	Poorly Graded Gravel with Clay, Poorly Graded Gravel with Clay and Sand
	Gravels with more than 12% fines	ML, MI or MH fines	GM	Silty Gravel, Silty Gravel with Sand
		CL, CI or CH fines	GC	Clayey Gravel, Clayey Gravel with Sand
		CL-ML fines	GC-GM	Silty Clayey Gravel; Silty, Clayey Gravel with Sand
	SANDS (50% or more of coarse fraction is smaller than No. 4 sieve size)	Sands with less than 5% fines	$Cu \geq 6$ and $1 \leq Cc \leq 3$	SW
$Cu < 6$ and/or $1 > Cc > 3$			SP	Poorly Graded Sand, Poorly Graded Sand with Gravel
Sands with 5% to 12% fines		ML, MI or MH fines	SW-SM	Well Graded Sand with Silt, Well Graded Sand with Silt and Gravel
			SP-SM	Poorly Graded Sand with Silt, Poorly Graded Sand with Silt and Gravel
		CL, CI or CH fines	SW-SC	Well Graded Sand with Clay, Well Graded Sand with Clay and Gravel
			SP-SC	Poorly Graded Sand with Clay, Poorly Graded Sand with Clay and Gravel
Sands with more than 12% fines		ML, MI or MH fines	SM	Silty Sand, Silty Sand with Gravel
		CL, CI or CH fines	SC	Clayey Sand, Clayey Sand with Gravel
		CL-ML fines	SC-SM	Silty, Clayey Sand; Silty, Clayey Sand with Gravel

US STANDARD SIEVES

3 Inch ¾ Inch No. 4 No. 10 No. 40 No. 200

	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES & BOULDERS	GRAVELS		SANDS			SILTS AND CLAYS

RELATIVE DENSITY (SANDS AND GRAVELS)	STANDARD PENETRATION (BLOWS/FOOT)
Very Loose	0 - 4
Loose	5 - 10
Medium Dense	11 - 30
Dense	31 - 50
Very Dense	50+

1. Add "with sand" to group name if material contains 15% or greater of sand-sized particle. Add "with gravel" to group name if material contains 15% or greater of gravel-sized particle.

MOISTURE	CRITERIA
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp, but no visible water
Wet	Visible free water, usually soil is below the water table

DATE: 4/17/2024		LOG OF EXPLORATORY DRILL HOLE						DH- 1						
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA24.1013										
DRILL RIG: CME 55, 140-lb auto hammer				LOGGED BY: FS										
HOLE DIAMETER: 6-inch hollow stem auger				HOLE ELEVATION: ---										
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH:				Initial: 9 ft Final: 7 ft						
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)	
FAT CLAY: Black (10YR 2/1), moist, stiff to very stiff stiff		CH	1	S										
			2	D	19	2.0		63	26	40	93			
			3											
			4	S										
			5	D	19	1.5				20		107		
			6											
			7											
			8											
			9	S										
WELL GRADED SAND with CLAY: Brown (10YR 4/3), moist to wet, medium dense to dense; fine to coarse sand		SW-SC	10	D	30		11		16		115			
			11											
			12											
CLAY: Light brownish gray (10YR 6/2), moist, firm to stiff		CI	13											
			14	S										
			15	D	13					23		106		
			16											
			17											
CLAY: Dark greenish gray (5BG 4/1), moist, firm		CI	18											
			19	S										
			20	D	13	0.25				24		100		
BOTTOM OF HOLE @ 20 FEET														
GEO-LOGIC ASSOCIATES										PAGE: 1 of 1				

DATE: 4/17/2024		LOG OF EXPLORATORY DRILL HOLE						DH- 2				
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA24.1013								
DRILL RIG: CME 55, 140-lb auto hammer				LOGGED BY: FS								
HOLE DIAMETER: 6-inch hollow stem auger				HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample		GROUND WATER DEPTH: Initial: 8.5 ft Final: ---										
DESCRIPTION OF EARTH MATERIALS	SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
FAT CLAY: Black (10YR 2/1), moist, stiff to very stiff	CH	1	S									
		2	D	16	2.0			24		97		
		3										
		4	S									
		5	D	17	2.25			21		103		
		6										
		7										
		8										
CLAYEY SAND with GRAVEL: Brown (10YR 4/3), wet, medium dense to dense; fine to coarse sand, with fine gravel	SC	9	S									
		10	D	34		13		10		129		
		11										
CLAY: Brown (10YR 4/3), moist to wet, firm to stiff	CI	12										
		13										
		14	S									
		15	D	10	0.25			24		103		
		16										
CLAY: Dark greenish gray (5BG 4/1), moist, firm	CI	17										
		18										
		19	S									
		20	D	13	0.25							
BOTTOM OF HOLE @ 20 FEET												
GEO-LOGIC ASSOCIATES									PAGE: 1 of 1			

DATE: 4/17/2024		LOG OF EXPLORATORY DRILL HOLE						DH- 3								
PROJECT NAME: Bracher Elementary School						PROJECT NUMBER: PA24.1013										
DRILL RIG: CME 55, 140-lb auto hammer						LOGGED BY: FS										
HOLE DIAMETER: 6-inch hollow stem auger						HOLE ELEVATION: ---										
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample					GROUND WATER DEPTH: Initial: 9 ft Final: 6 ft											
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)			
FAT CLAY: Dark grayish brown (10YR 3/2), moist, stiff brown (10YR 5/3)		CI	1	S	13	1.5 1.25			28		95					
			2	D												
			3													
			4	S	13	1.0 1.5			20		108					
			5	D												
			6													
			7													
			8													
POORLY GRADED SAND with GRAVEL and CLAY: Grayish brown (10YR 5/2), wet, medium dense; fine to coarse sand, with fine gravel		SP-SC	9	S	24		11		12		124					
			10	D												
			11													
			12													
			13													
			14	S	39				9		135					
			15	D												
16																
CLAY: Dark greenish gray (5BG 4/1), moist, firm		CI	17													
			18													
			19	S								13		16		118
			20	D												
BOTTOM OF HOLE @ 20 FEET																
GEO-LOGIC ASSOCIATES										PAGE: 1 of 1						

DATE: 4/17/2024		LOG OF EXPLORATORY DRILL HOLE						DH- 4						
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA24.1013										
DRILL RIG: CME 55, 140-lb auto hammer				LOGGED BY: FS										
HOLE DIAMETER: 6-inch hollow stem auger				HOLE ELEVATION: ---										
SAMPLER:		D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample		GROUND WATER DEPTH:		Initial: --- Final: ---								
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)	
FAT CLAY: Very dark grayish brown (10YR 3/2), moist, firm		CH	1											
			2											
			3											
			4											
			5											
BOTTOM OF HOLE @ 5 FEET No groundwater encountered			6											
			7											
			8											
			9											
			10											
			11											
			12											
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
GEO-LOGIC ASSOCIATES										PAGE: 1 of 1				

DATE: 4/17/2024		LOG OF EXPLORATORY DRILL HOLE						DH- 5						
PROJECT NAME: Bracher Elementary School						PROJECT NUMBER: PA24.1013								
DRILL RIG: CME 55, 140-lb auto hammer						LOGGED BY: FS								
HOLE DIAMETER: 6-inch hollow stem auger						HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample					GROUND WATER DEPTH: Initial: --- Final: ---									
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)	
FAT CLAY: Dark brown (10YR 3/2), moist, firm firm to stiff		CH	1	S I I S I I	5									
			2											
			3											
			4											
			5											
BOTTOM OF HOLE @ 5 FEET No groundwater encountered			6											
			7											
			8											
			9											
			10											
			11											
			12											
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			GEO-LOGIC ASSOCIATES											



Geo-Logic Associates

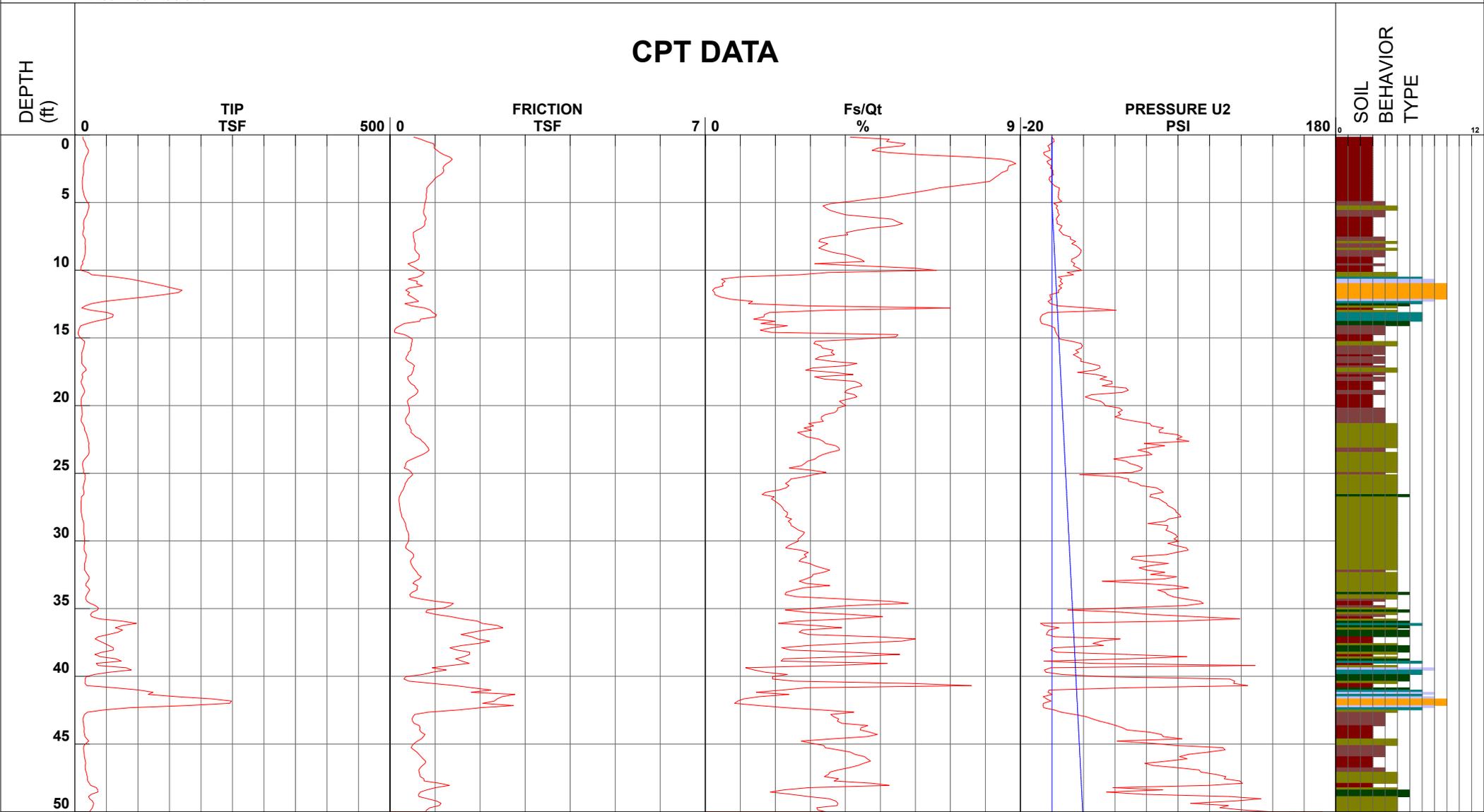
Project Bracher Elementary School
 Job Number PA24.1013.00
 Hole Number CPT-02
 EST GW Depth During Test

Operator AJ-ER
 Cone Number DDG1596
 Date and Time 4/17/2024 10:23:06 AM
 5.00 ft

Filename SDF(122).cpt
 GPS
 Maximum Depth 50.52 ft

Net Area Ratio .8

CPT DATA



- | | | | |
|------------------------------|---------------------------------|--------------------------------|------------------------------------|
| ■ 1 - sensitive fine grained | ■ 4 - silty clay to clay | ■ 7 - silty sand to sandy silt | ■ 10 - gravelly sand to sand |
| ■ 2 - organic material | ■ 5 - clayey silt to silty clay | ■ 8 - sand to silty sand | ■ 11 - very stiff fine grained (*) |
| ■ 3 - clay | ■ 6 - sandy silt to clayey silt | ■ 9 - sand | ■ 12 - sand to clayey sand (*) |

Cone Size 15cm²

S*Soil behavior type and SPT based on data from UBC-1983



Geo-Logic Associates

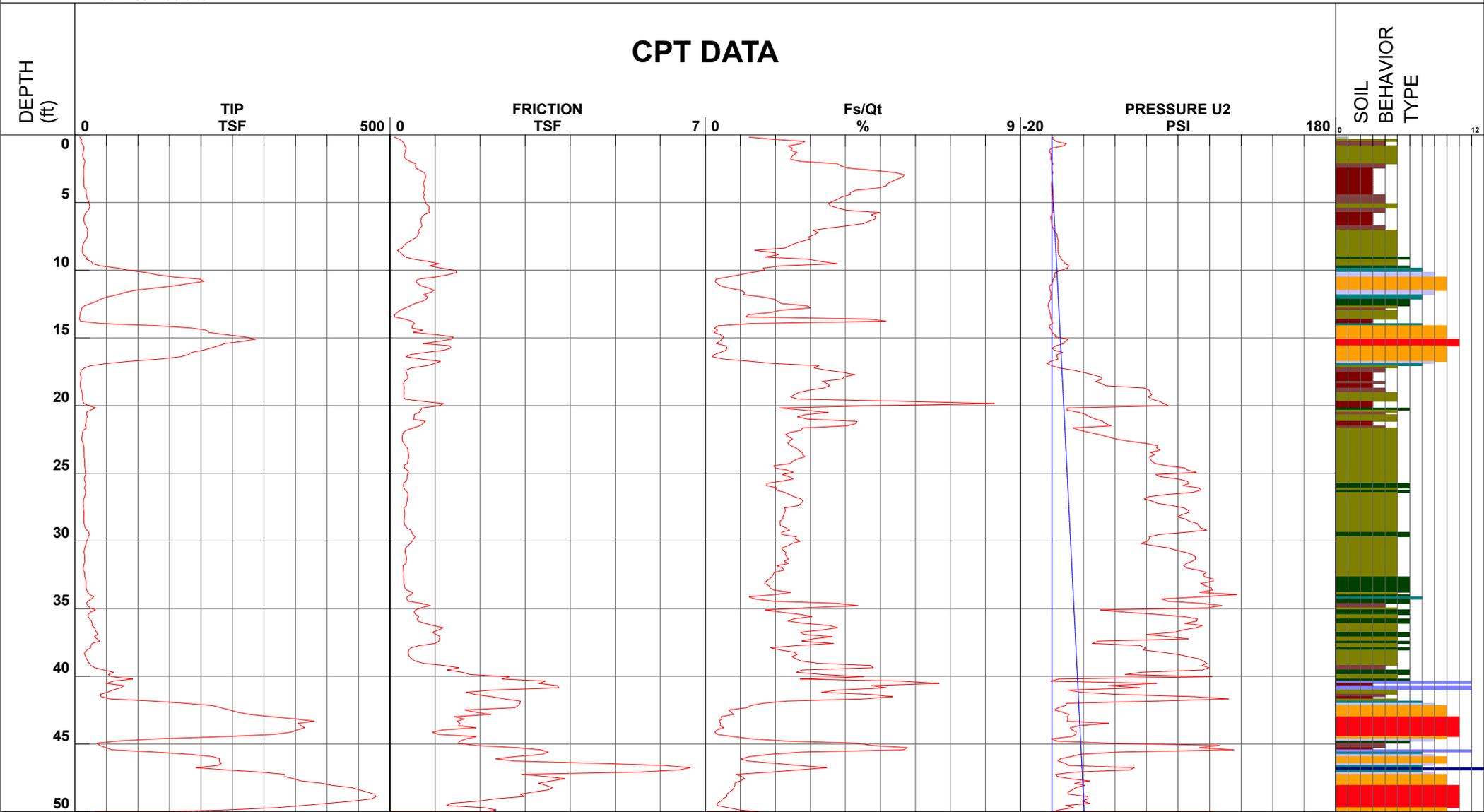
Project Bracher Elementary School
 Job Number PA24.1013.00
 Hole Number CPT-01
 EST GW Depth During Test

Operator AJ-ER
 Cone Number DDG1596
 Date and Time 4/17/2024 8:21:49 AM
 2.80 ft

Filename SDF(121).cpt
 GPS
 Maximum Depth 50.52 ft

Net Area Ratio .8

CPT DATA



- | | | | |
|------------------------------|---------------------------------|--------------------------------|------------------------------------|
| ■ 1 - sensitive fine grained | ■ 4 - silty clay to clay | ■ 7 - silty sand to sandy silt | ■ 10 - gravelly sand to sand |
| ■ 2 - organic material | ■ 5 - clayey silt to silty clay | ■ 8 - sand to silty sand | ■ 11 - very stiff fine grained (*) |
| ■ 3 - clay | ■ 6 - sandy silt to clayey silt | ■ 9 - sand | ■ 12 - sand to clayey sand (*) |

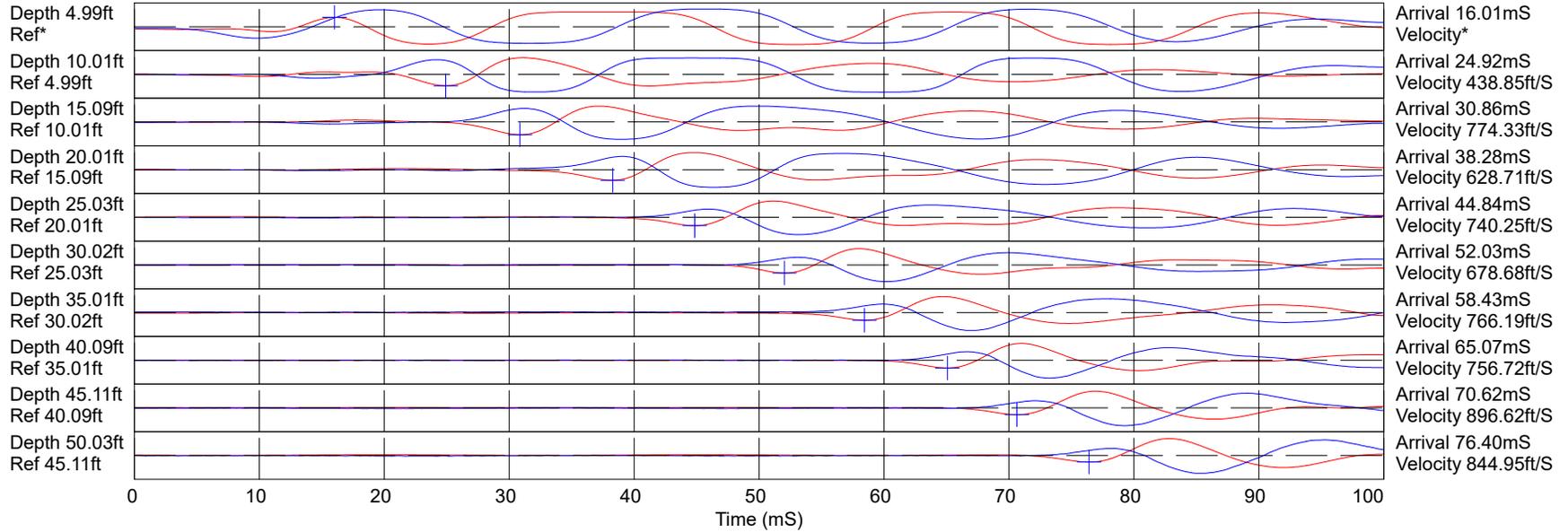
Cone Size 15cm²

S*Soil behavior type and SPT based on data from UBC-1983

CPT-02

Geo-Logic Associates

Bracher Elementary School



Hammer to Rod String Distance (ft): 5.83

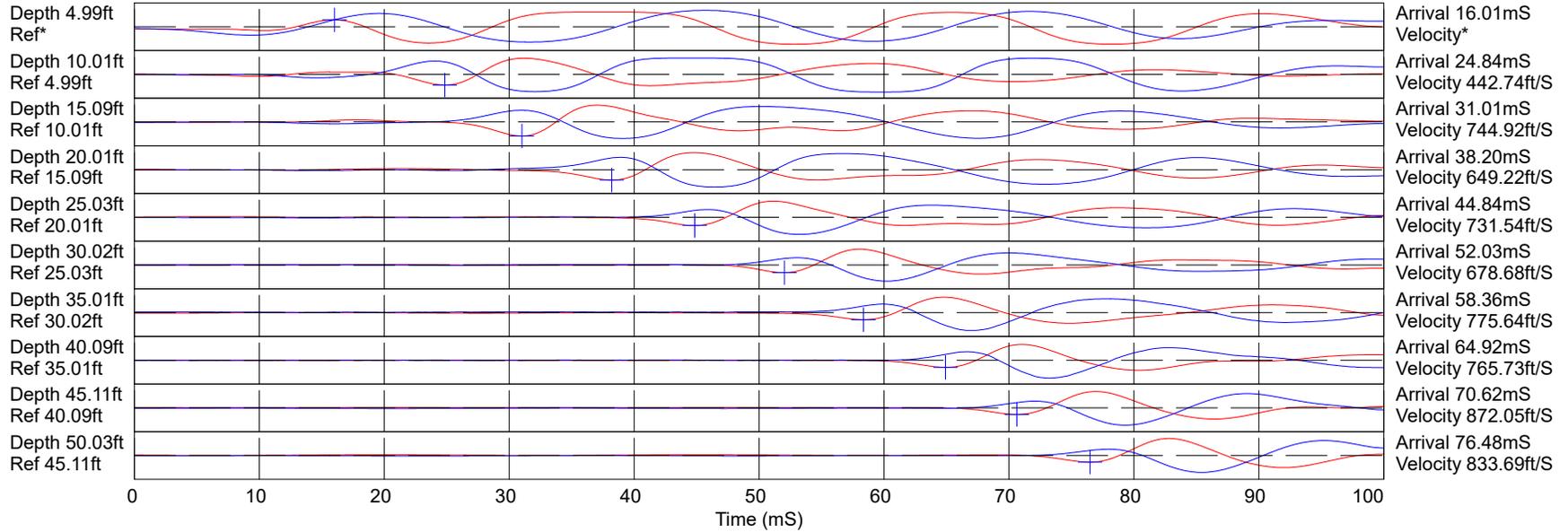
* = Not Determined

COMMENT:

CPT-01

Geo-Logic Associates

Bracher Elementary School



Hammer to Rod String Distance (ft): 5.83

* = Not Determined

COMMENT:

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 1				
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054								
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS								
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample			GROUND WATER DEPTH:			Initial: 18.5 ft Final: 20.5 ft						
DESCRIPTION OF EARTH MATERIALS	SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
PAVEMENT (±1" AC over ±5" AB)												
ALLUVIUM (Qhb), CLAY: Black (10YR 2/1), moist, stiff	Cl	1	S									
		2	D	27	1.25							
			D		2.0		40	30	22	95		
		3										
very stiff to hard		4	S									
			D	24								
		5	D		4.5			28		86		
		6										
		7										
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, loose to medium dense; mostly fine to medium sand	SC	8										
		9	S									
			D	8								
		10	D					23		102		
		11										
CLAY: Light brownish grey (10YR 6/2), moist, firm	Cl	12										
		13										
		14	S									
			D	7	0.75							
		15	D		0.25			26		100		
		16										
CLAY: Bluish gray (5B 5/1), moist, firm	Cl	17										
		18										
		19	S									
			D	9	0.5							
		20	D		0.5		36	27	19	94		

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 1					
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054									
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS									
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---									
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH: Initial: 18.5 ft Final: 20.5 ft									
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
CLAY (continued)		CI	21										
			22										
			23										
			24	S									
POORLY GRADED SAND with GRAVEL: Dark yellowish brown (10YR 4/4), moist to wet, very dense; fine to coarse sand, with fine to coarse gravel		SP	25	D	82		5		8		133		
			26	D									
CLAY: Light brownish gray (10YR 6/2), moist, soft to firm		CI	27										
			28										
			29	S									
			30	I	push				31				
			31	I									
			32										
			33										
moist to wet, stiff			34	S									
			35	D	14	1.5			20		111		
			36	D		1.5							
			37										
LEAN CLAY: Greenish gray (5GY 5/1), moist to wet, firm to stiff		CL	38										
			39	S									
			40	D	14	0.75		29	23	14	105		
				D		1.75							

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE							DH- 1			
PROJECT NAME: Bracher Elementary School					PROJECT NUMBER: PA22.1054							
DRILL RIG: Mobile B-53, 140-lb auto hammer					LOGGED BY: FS							
HOLE DIAMETER: 8-inch hollow stem auger					HOLE ELEVATION: ---							
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH:				Initial: 18.5 ft Final: 20.5 ft				
DESCRIPTION OF EARTH MATERIALS	SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
LEAN CLAY (continued)	CL	41										
		42										
		43										
POORLY GRADED SAND: Brown (10YR 5/5), wet, medium dense; mostly fine to medium sand	SP	44	S	18		4		20				
		45	D									
		46	D									
CLAY: Bluish gray (5B 5/1), moist, stiff	CI	47										
		48										
		49	S	23	1.5	1.5		22		107		
50	D											
BOTTOM OF HOLE = 50 FEET		51										
			52									
			53									
			54									
			55									
			56									
			57									
			58									
			59									
			60									

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 2						
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054										
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS										
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---										
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH: Initial: --- Final: ---										
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)	
ALLUVIUM (Qh), CLAY: Black (10YR 2/1), moist, stiff to very stiff light brownish gray (10YR 6/2)		Cl	1	S										
			2	D	19	1.5 2.2			28		90			
			3											
			4	S										
			5	D	21	2.25 2.0				22		105		
			6											
			7											
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, loose to medium dense; mostly fine to medium sand		SC	8											
			9	S										
			10	D	8		36		20		101			
CLAY: Light brownish grey (10YR 6/2), moist, firm to stiff		Cl	12											
			13											
			14	S										
			15	D	11	0.5 1.75			25		100			
			16											
CLAY: Dark greenish gray (5BG 4/1), moist, stiff BOTTOM OF HOLE @ 20 FEET No Groundwater Encountered		Cl	17											
			18											
			19	S										
	20	D	13	1.25 1.5				21		104				

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 3														
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054																		
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS																		
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---																		
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH: Initial: 13.5 ft Final: 9 ft																		
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)									
ALLUVIUM (Qhb), CLAY: Black (10YR 2/1), moist, very stiff light brownish gray (10YR 6/2), stiff		CI	1	S	18	4.5+			25		93											
			2	D										2.5								
			3																			
			4	S	10	1.0											12		112			
			5	D																		1.0
			6																			
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, medium dense; mostly fine to medium sand		SC	7																			
			8																			
			9	S	15				13		115											
			10	D																		
11																						
POORLY GRADED SAND: Dark yellowish brown (10YR 4/4), wet, medium dense to dense; mostly fine to medium sand		SP	12																			
			13																			
			14	S	42											21		94				
15	D	2																				
16																						
CLAY: Dark greenish gray (5BG 4/1), moist, stiff		CI	17																			
			18																			
			19	S	13	0.5			20		106											
			20	D										0.5								
BOTTOM OF HOLE @ 20 FEET																						

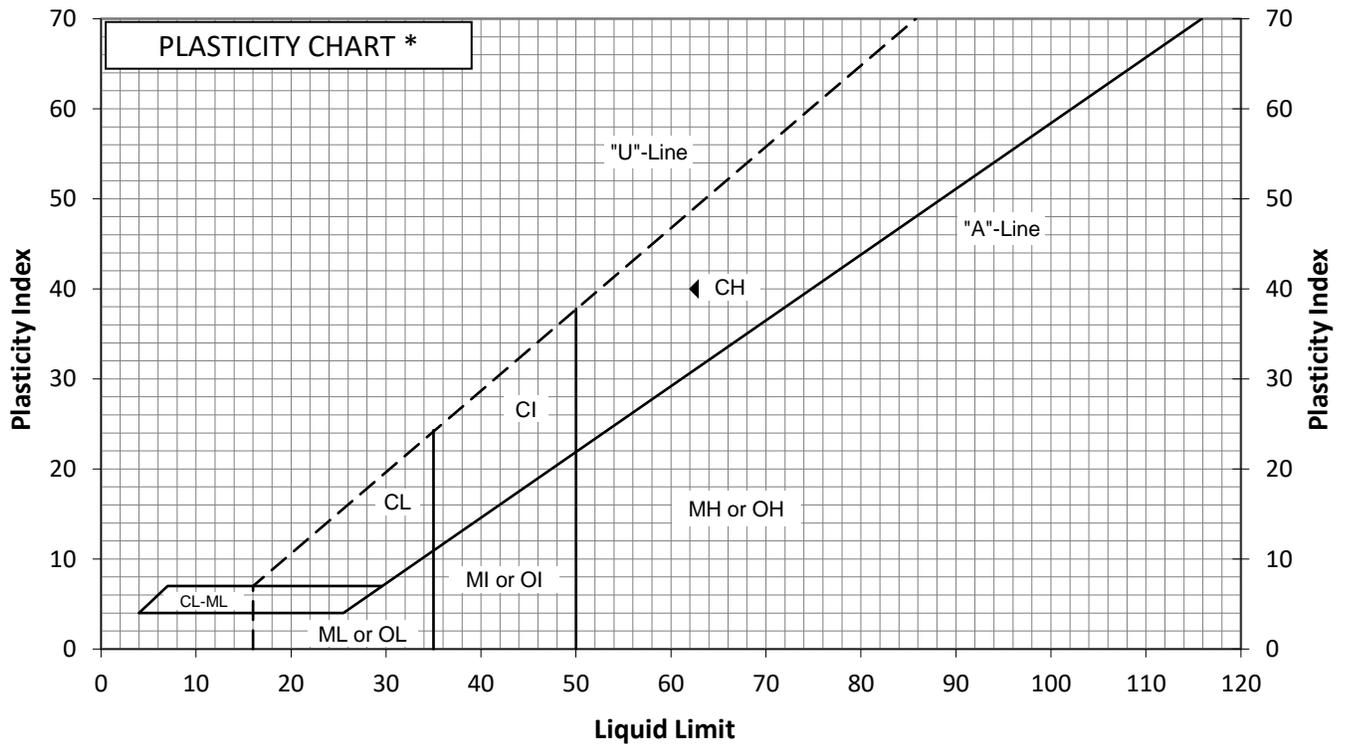
APPENDIX B

LABORATORY TEST DATA

- Figure B-1 Atterberg Limits Test Results (this study)
- Figure B-2 Grain Size Test Results, DH-1 @ 9.5-10 feet (this study)
- Figure B-3 Grain Size Test Results, DH-2 @ 9.5-10 feet (this study)
- Figure B-4 Grain Size Test Results, DH-3 @ 9.5-10 feet (this study)
- Figure B-5 R-value Test Results
- CERCO Analytical Report (this study)

ATTERBERG LIMITS TEST RESULTS

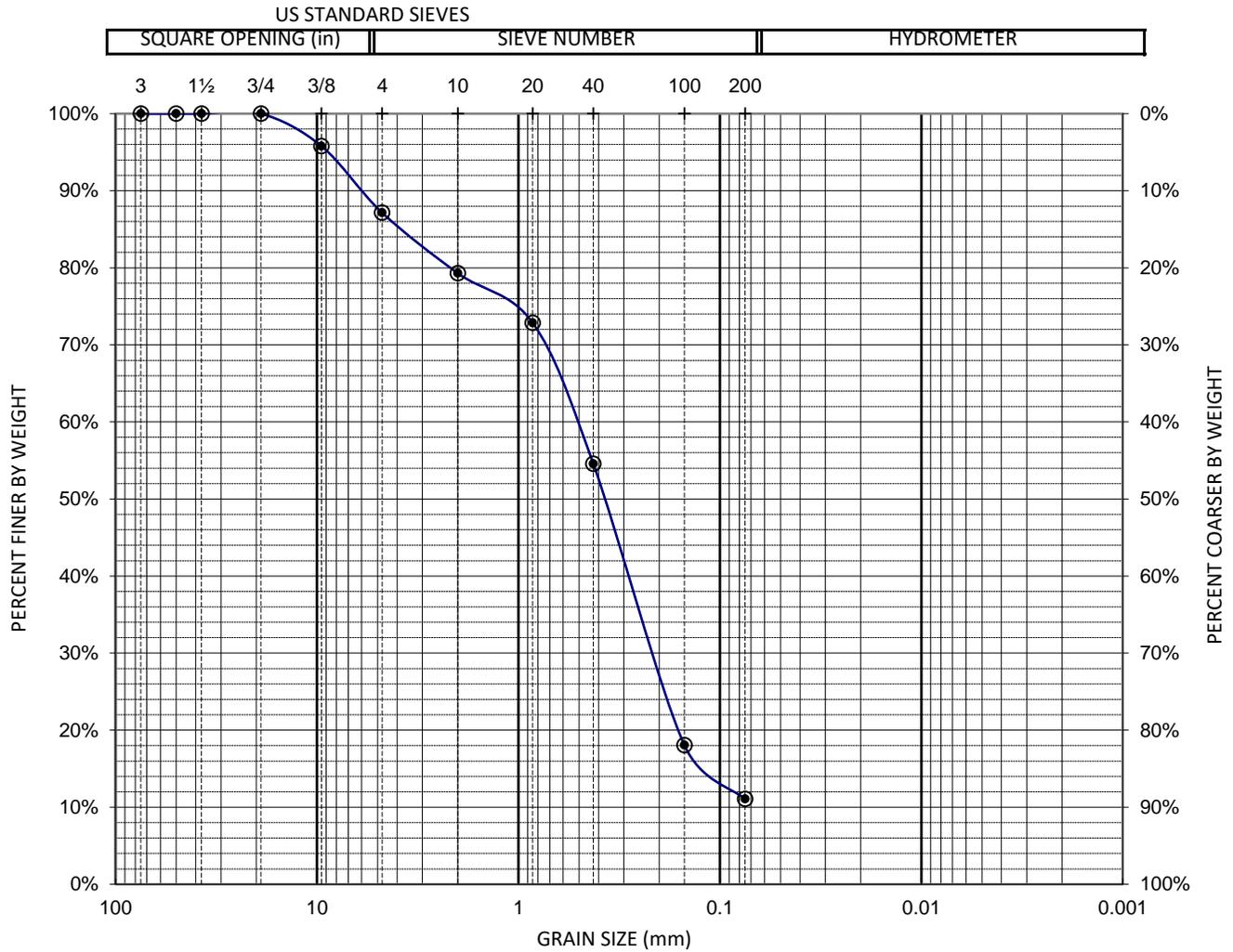
PROJECT NAME	Bracher Elementary School	PROJECT No.	PA24.1013
DATE OF TEST	5/13/2024		
KEY SYMBOL	◆		
DRILL HOLE No.	1		
DEPTH (ft)	2-2.5		
NATURAL WATER CONTENT (%)	26		
% RETAINED No. 40 SIEVE (Est.)	---		
% PASSING No. 200 SIEVE	---		
LIQUID LIMIT	63		
PLASTIC LIMIT	23		
PLASTICITY INDEX	40		
CLASSIFICATION SYMBOL	CH		



* Based on the Unified Soil Classification System modified to incorporate the "intermediate" classifications CL, MI, and OI for soils with liquid limits between 35 and 50. In the unmodified Unified Soil Classification System, such soils would be classified as CL, ML and OL, respectively.

GRAIN SIZE TEST RESULTS

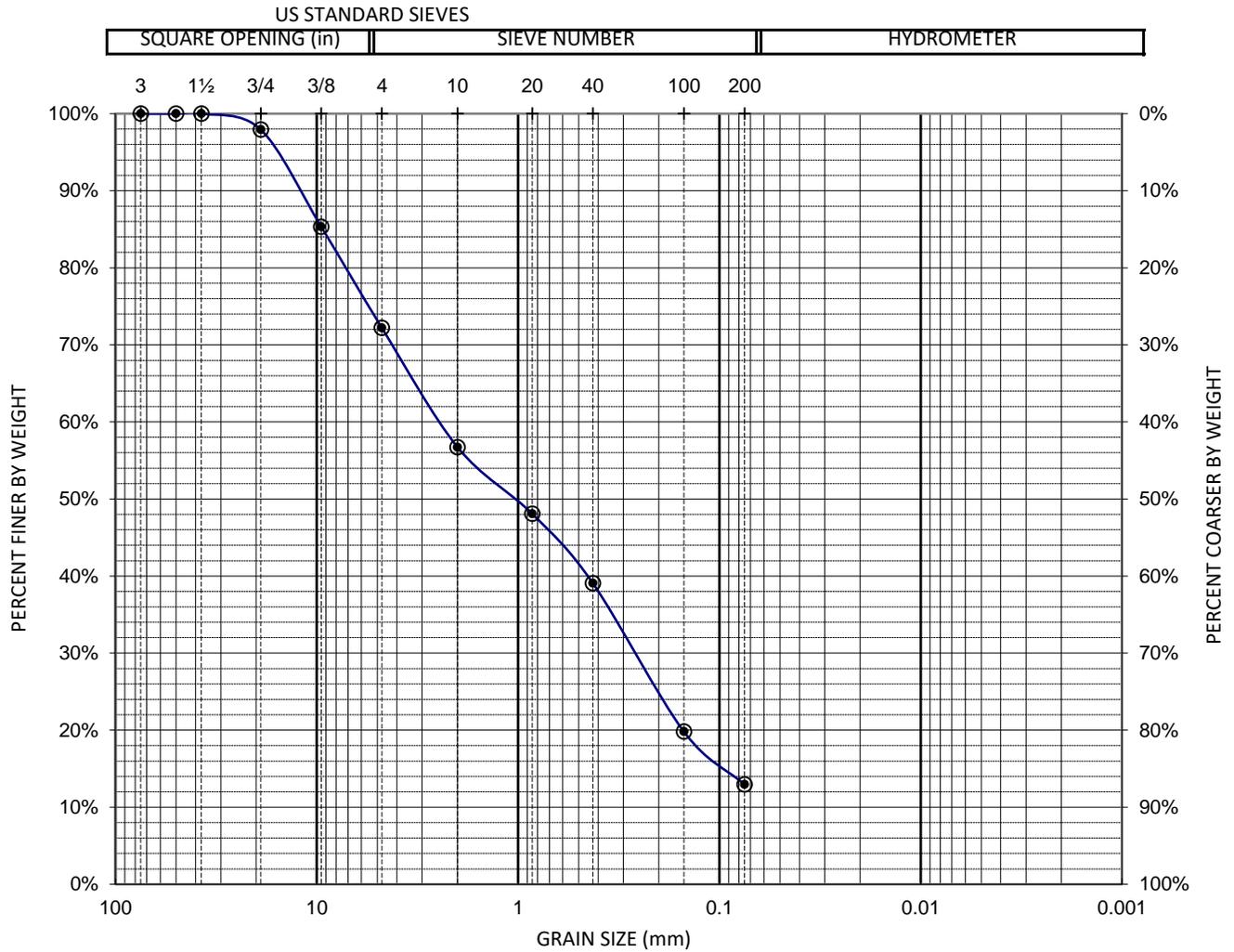
PROJECT NAME Bracher Elementary School				PROJECT No. PA24.1013	
DRILL HOLE No. 1		DEPTH (ft) 9.5-10		SAMPLE 0	
				DATE OF TEST 5/10/2024	
SOURCE/QUARRY: ---					
DESCRIPTION OF SOIL: Well Graded Sand with Clay					



REMARKS:

GRAIN SIZE TEST RESULTS

PROJECT NAME	Bracher Elementary School	PROJECT No.	PA24.1013
DRILL HOLE No.	2	DEPTH (ft)	9.5-10
SAMPLE	0	DATE OF TEST	5/10/2024
SOURCE/QUARRY: ---			
DESCRIPTION OF SOIL: Clayey Sand with Gravel			

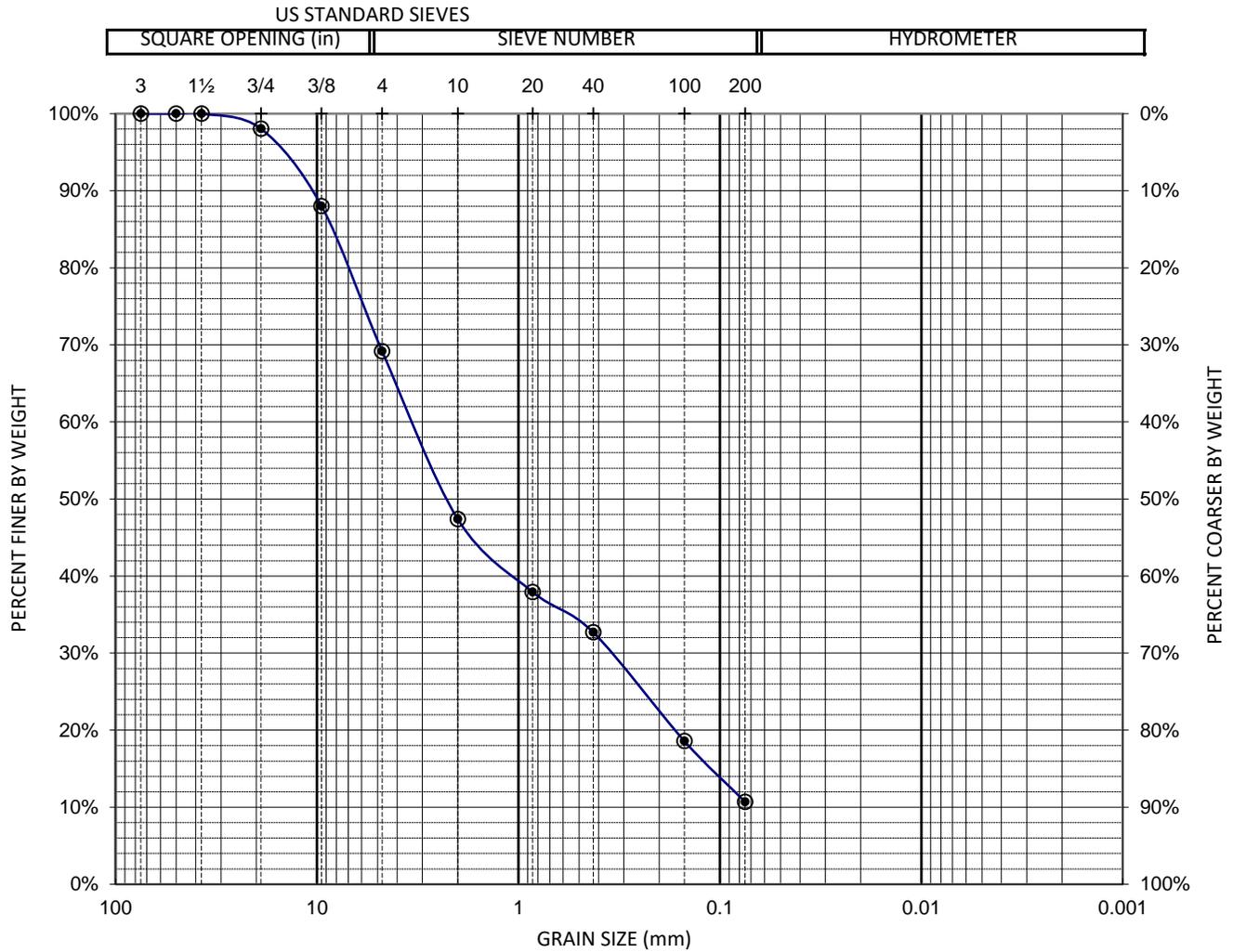


	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES	GRAVEL		SAND			SILT & CLAY
	27.8%		59.3%			12.9%

REMARKS:

GRAIN SIZE TEST RESULTS

PROJECT NAME Bracher Elementary School				PROJECT No. PA24.1013	
DRILL HOLE No. 3		DEPTH (ft) 9.5-10		SAMPLE 0	
				DATE OF TEST 5/10/2024	
SOURCE/QUARRY: ---					
DESCRIPTION OF SOIL: Poorly Graded Sand with Gravel and Clay					



	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES	GRAVEL		SAND			SILT & CLAY
	30.8%		58.5%			10.7%

REMARKS:

'R' VALUE CA 301

Project Bracher ES

Date: 5/10/24

By: LD

Job #: PA24.1013

Sample : Bulk

Soil Type: Brown, Clay

TEST SPECIMEN		A	B	C	D
Compactor Air Pressure	psi	70	60		
Initial Moisture Content	%	6.0	6.0		
Water Added	ml	200	240		
Moisture at Compaction	%	23.7	27.2		
Sample & Mold Weight	gms	3135	3108		
Mold Weight	gms	2109	2096		
Net Sample Weight	gms	1026	1012		
Sample Height	in.	2.502	2.522		
Dry Density	pcf	100.5	95.6		
Pressure	lbs	8785	2990	** Sample Extruded	
Exudation Pressure	psi	699	238		
Expansion Dial	x 0.0001	44	25		
Expansion Pressure	psf	191	108		
Ph at 1000lbs	psi	62	67		
Ph at 2000lbs	psi	140	149		
Displacement	turns	4.53	4.91		
R' Value		7	4		
Corrected 'R' Value		7	4		

FINAL 'R' VALUE	
By Exudation Pressure (@ 300 psi):	<5
By Expansion Pressure :	
TI =	5

FIGURE B-5



1100 Willow Pass Court, Suite A

Concord, CA 94520-1006

925 462 2771 Fax. 925 462 2775

www.cercoanalytical.com

13 May, 2024

Job No. 2405021

Cust. No. 10854

Mr. Beeson Liang
Geo-Logic Associates
6300 San Ignacio Ave., Suite A
San Jose, CA 95119

Subject: Project No.: PA24.1013
Project Name: Bracher Elem School
Corrosivity Analysis – ASTM Test Methods

Dear Mr. Liang:

Pursuant to your request, CERCO Analytical has analyzed the soil samples submitted on May 07, 2024. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurements, both samples are classified as “corrosive”. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentrations reflect none detected with a reporting limit of 15 mg/kg.

The sulfate ion concentrations are none detected and 21 mg/kg and are determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at these locations.

The pH of the soils are 8.24 and 8.39, which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potentials are 220-mV and 240-mV. Both samples are indicative of potentially “slightly corrosive” soils resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.


J. Darby Howard, Jr., P.E.
President

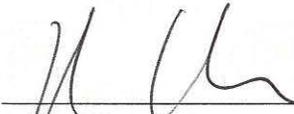
JDH/jdl
Enclosure

Client: Geo-Logic Associates
 Client's Project No.: PA24.1013
 Client's Project Name: Bracher Elem School
 Date Sampled: Not Indicated
 Date Received: 7-May-24
 Matrix: Soil
 Authorization: Chain of Custody

Date of Report: 13-May-2024

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2405021-001	DH1, 1.5'+4'	220	8.24	-	860	-	N.D.	N.D.
2405021-002	DH-3, 1.5'+4'	240	8.39	-	1,700	-	N.D.	21

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	10	-	50	15	15
Date Analyzed:	8-May-2024	8-May-2024	-	9-May-2024	-	9-May-2024	9-May-2024


 Julia Clauson
 Chemist

* Results Reported on "As Received" Basis
 N.D. - None Detected

APPENDIX C

RESULTS OF LIQUEFACTION ASSESSMENT

- Liquefaction Analysis (this study)

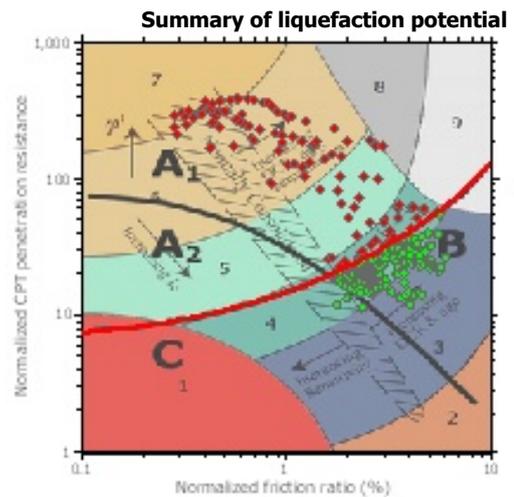
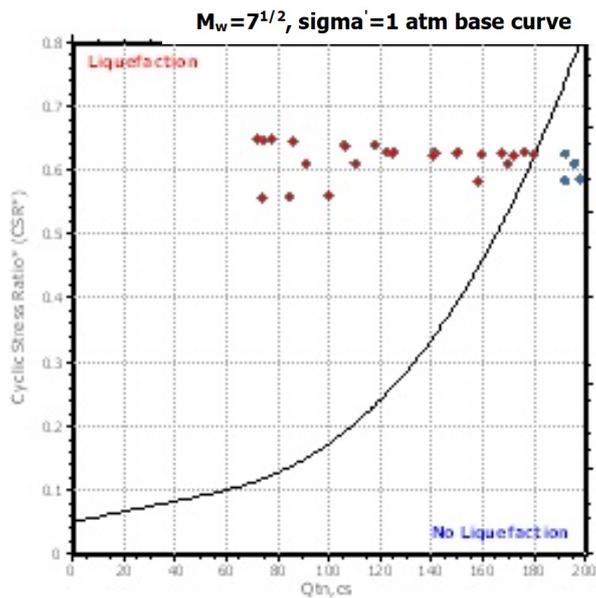
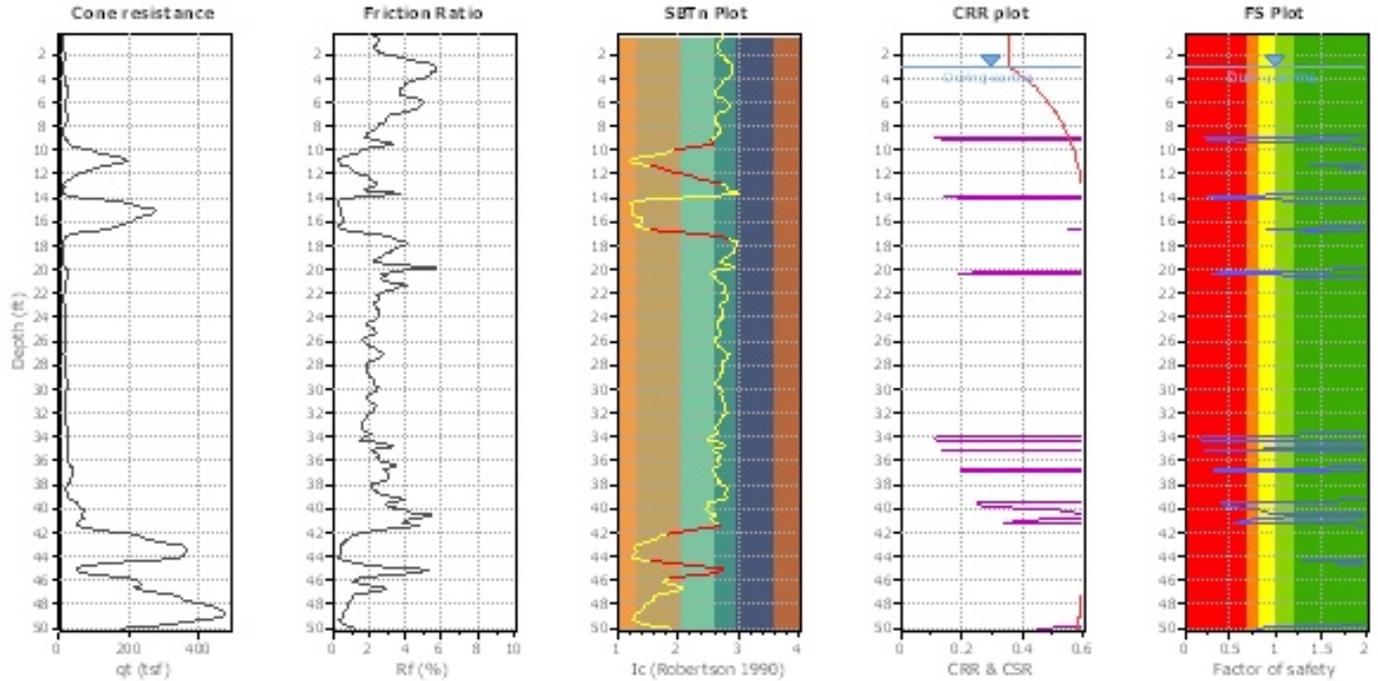
LIQUEFACTION ANALYSIS REPORT

Project title : Bracher Elementary School 2024
CPT file : CPT-01

Location : 2700 Chromite Drive, Santa Clara, CA

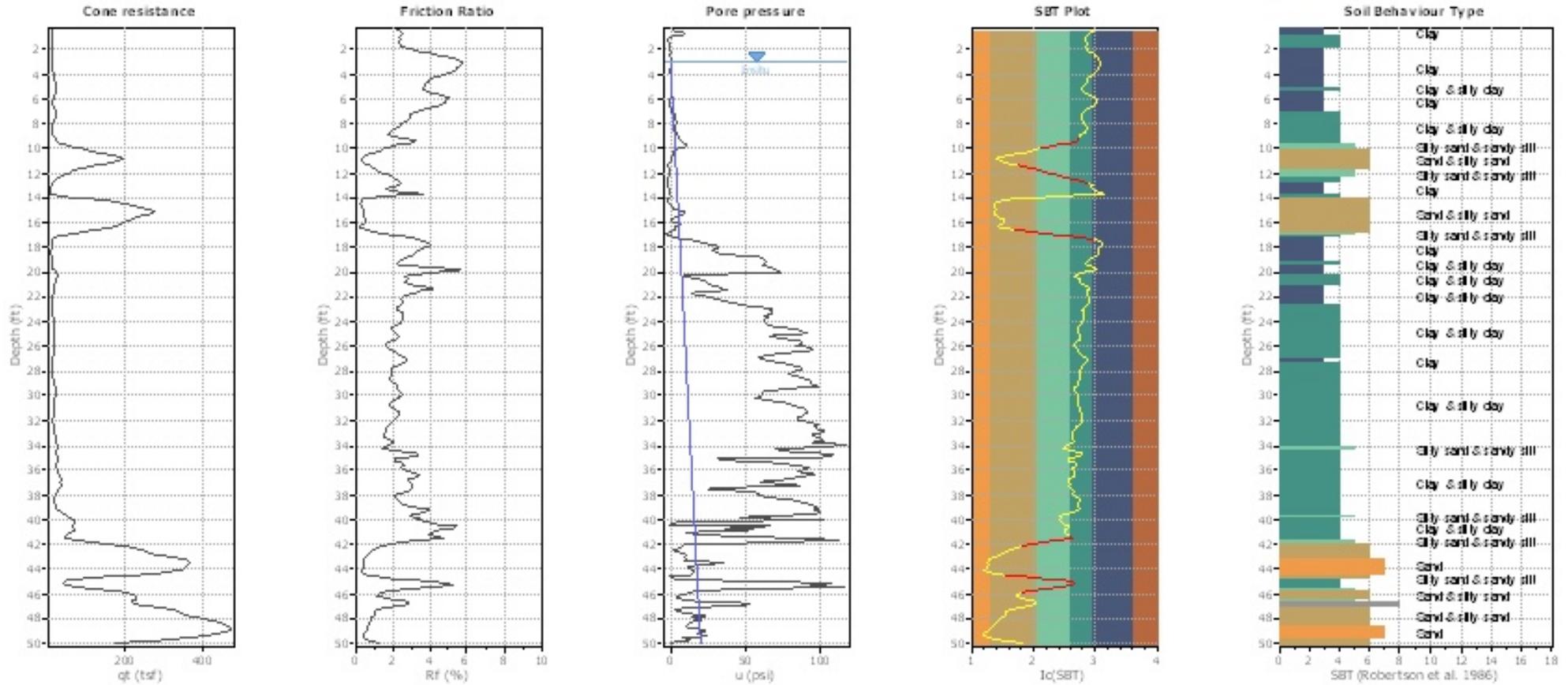
Input parameters and analysis data

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	3.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	3.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w :	7.50	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.55	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plo



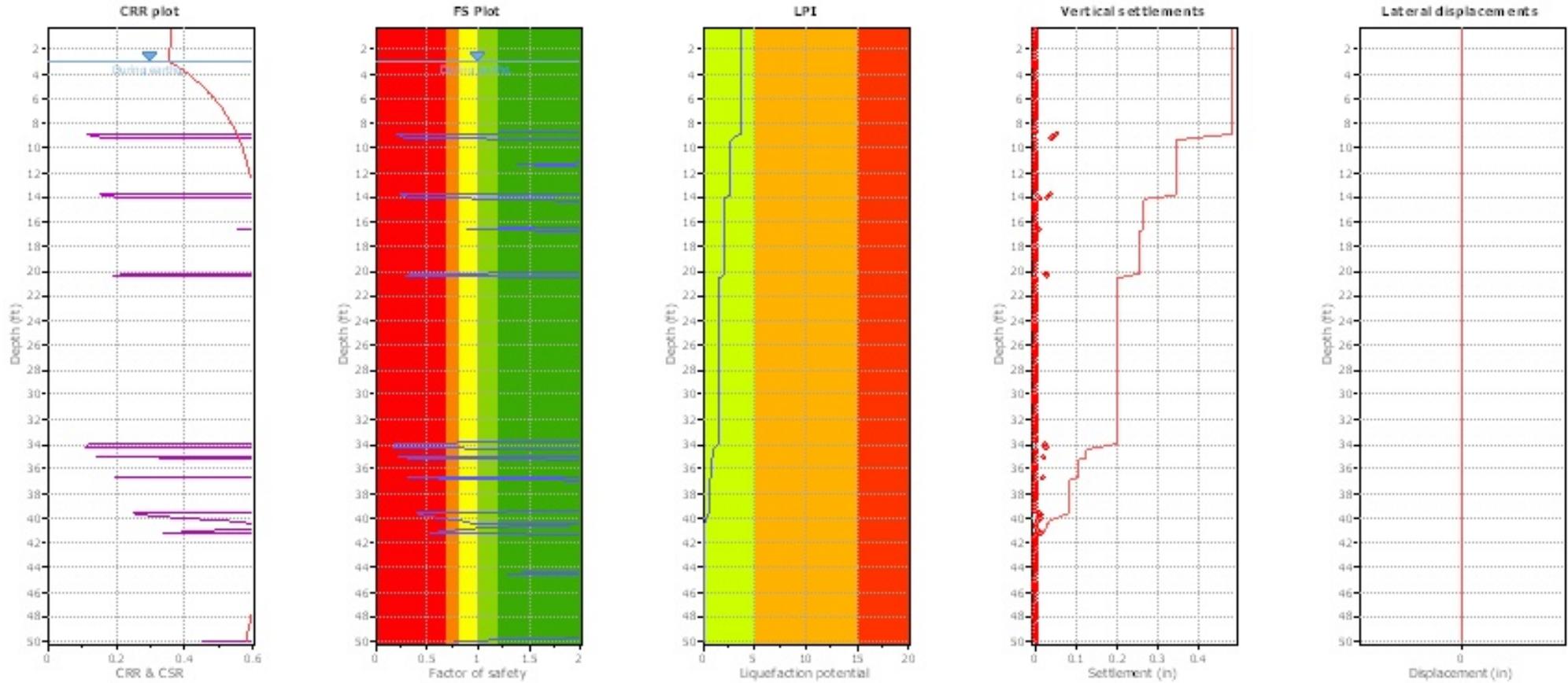
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	3.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_0 applied:	Yes
Earthquake magnitude M_w :	7.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.55	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	3.00 ft	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained	4. Clayey silt to silty	7. Gravely sand to sand
2. Organic material	5. Silty sand to sandy silt	8. Very stiff sand to
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained

Liquefaction analysis overall plot



Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	3.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K ₀ applied:	Yes
Earthquake magnitude M _w :	7.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.55	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	3.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

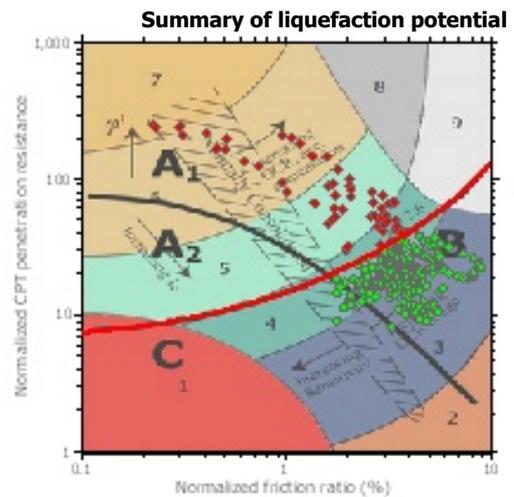
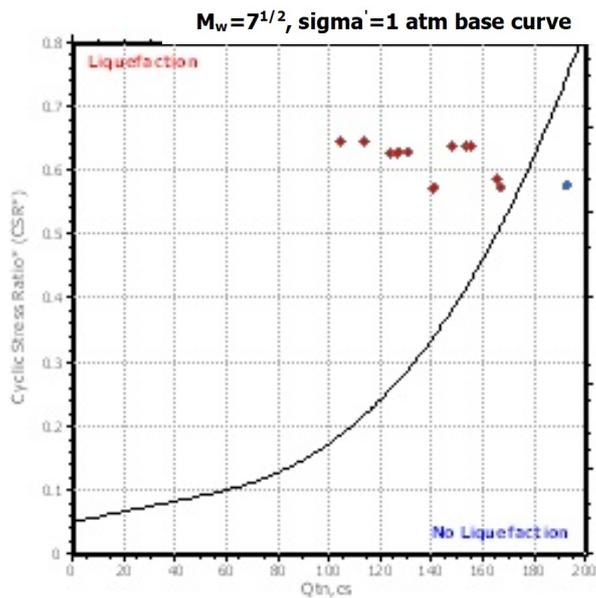
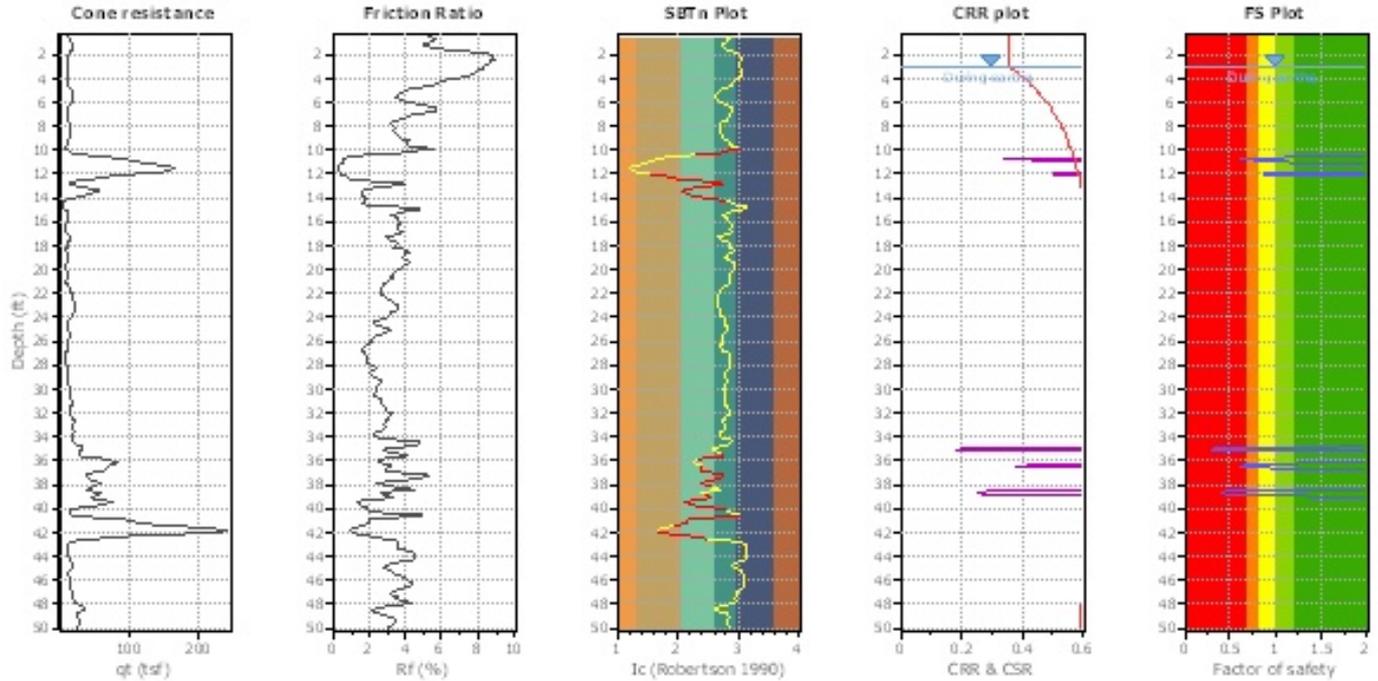
LIQUEFACTION ANALYSIS REPORT

Project title : Bracher Elementary School 2024
CPT file : CPT-02

Location : 2700 Chromite Drive, Santa Clara, CA

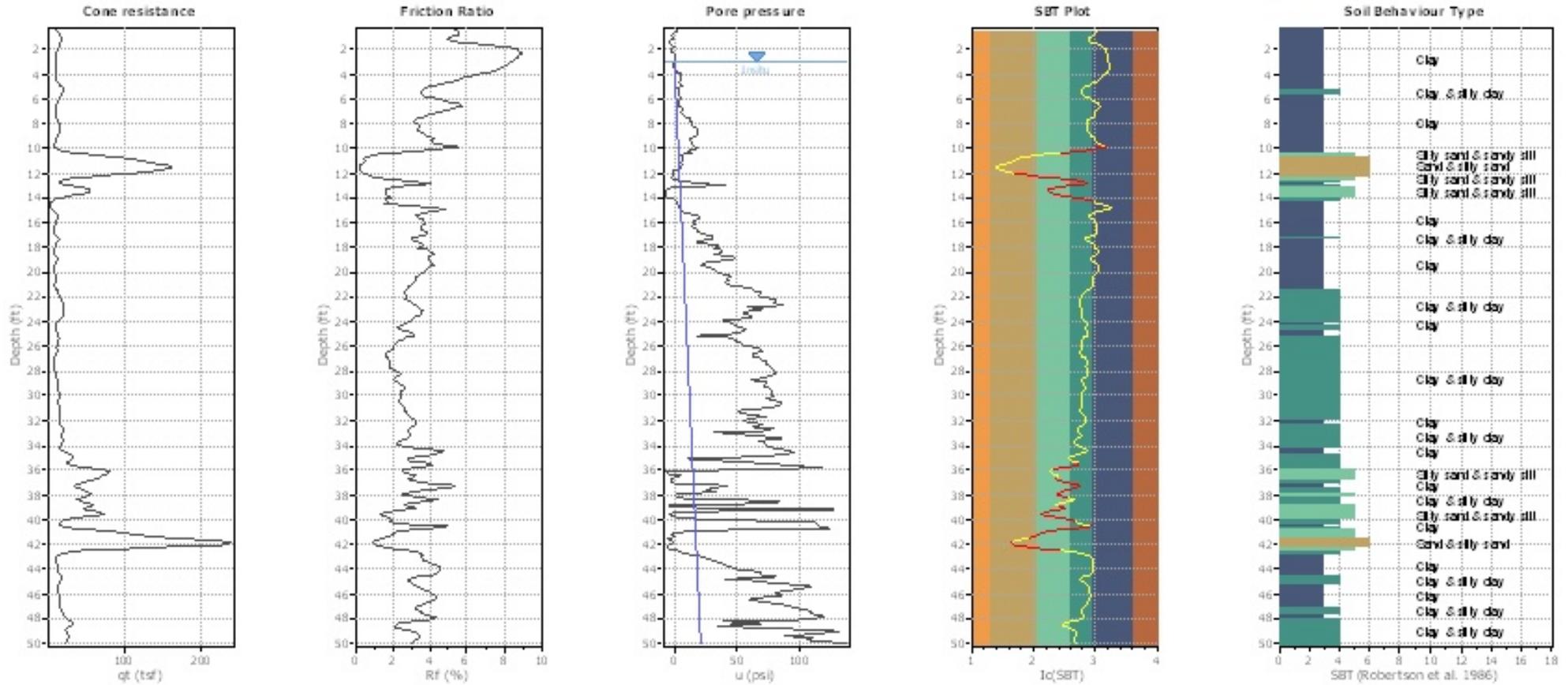
Input parameters and analysis data

Analysis method:	NCEER (1998)	G.W.T. (in-situ):	3.00 ft	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	3.00 ft	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w :	7.50	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	0.55	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plo



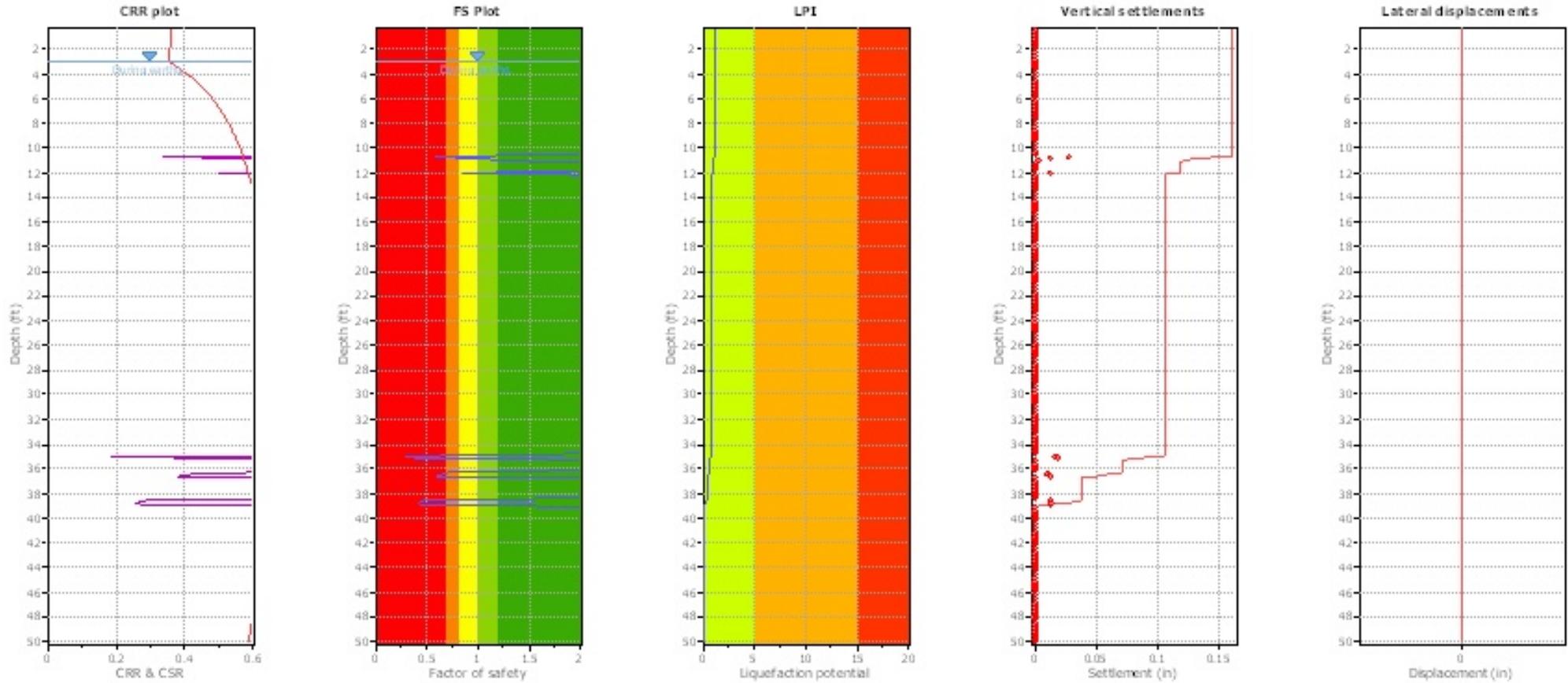
Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	3.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_0 applied:	Yes
Earthquake magnitude M_w :	7.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.55	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	3.00 ft	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained	4. Clayey silt to silty	7. Gravely sand to sand
2. Organic material	5. Silty sand to sandy silt	8. Very stiff sand to
3. Clay to silty clay	6. Clean sand to silty sand	9. Very stiff fine grained

Liquefaction analysis overall plot



Input parameters and analysis data

Analysis method:	NCEER (1998)	Depth to water table (erthq.):	3.00 ft	Fill weight:	N/A
Fines correction method:	NCEER (1998)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K ₀ applied:	Yes
Earthquake magnitude M _w :	7.50	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.55	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	3.00 ft	Fill height:	N/A	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

APPENDIX D

SITE RESPONSE ANALAYSIS

- Report from Hudson Geotechnics



July 22, 2024
HGI No. 24035.001

Mr. Chalerm “Beeson” Liang
Principal Geotechnical Engineer
Geo-Logic Associates
6300 San Ignacio Avenue, Suite A
San Jose, CA, 95119

Subject: Letter of Transmittal
Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA 95051

Dear Mr. Liang,

Hudson Geotechnics, Inc. (HGI) is pleased to submit this report of seismic site response analyses related to Bracher Elementary School located at 2700 Chromite Drive, Santa Clara, CA. We understand that the site response analysis results will be used for evaluation of a new one-story multipurpose building and two new one-story classroom buildings.

We submitted a proposal dated June 24, 2024 and signed a master subcontractor agreement on June 28, 2024. We submitted a draft report on July 11, 2024; this report presents the final results of HGI’s site response analyses.

Hudson Geotechnics, Inc.
www.hudsongeotechnics.com
contact@hudsongeotechnics.com
424-220-4540
1352 E. Mariposa Avenue
El Segundo, CA 90245



Site Response Analysis

Bracher Elementary School

HGI No. 24035.001

July 22, 2024

2700 CHROMITE DRIVE

SANTA CLARA, CA

Prepared for:

GEO-LOGIC ASSOCIATES

SAN JOSE, CA

Hudson Geotechnics, Inc.
El Segundo, California

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1. Introduction

1.1. Scope/Project Description

The project is located within Bracher Elementary School at 2700 Chromite Drive, Santa Clara, CA. One one-story multi-purpose building and two one-story classroom buildings are planned to be constructed in the field northeast of the existing classroom buildings. The site is bordered by existing playgrounds and classrooms on the southwest, Chromite Drive on the northwest, and single-family residences to the southeast and northeast. You have provided us with the location of the project and the following:

- Boring logs and geotechnical laboratory test results; and
- Logs of two seismic cone penetration tests (sCPTs) with measured shear wave velocity (V_s) profiles.

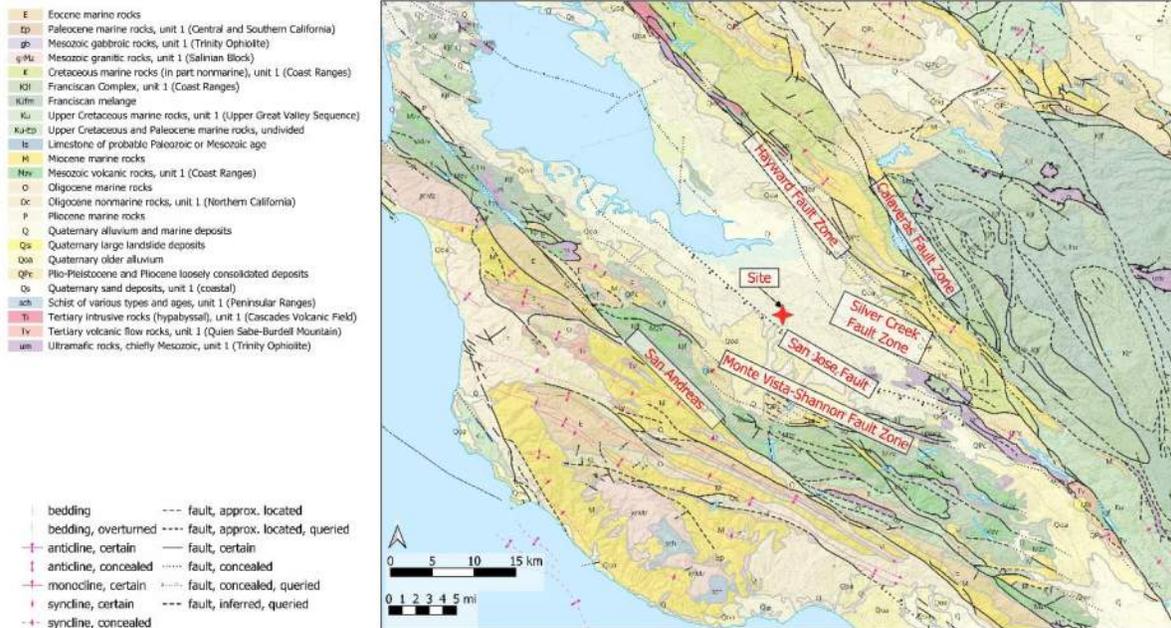
The borings consist of three hollow stem auger holes extending approximately 20 feet below ground surface performed by Geo-Logic in April, 2024. Three additional borings nearby the site are included, two of which extend to a depth of 20 feet and one to a depth of 50 feet below ground surface, also performed by Geo-Logic in November, 2022. The two sCPTs extend to a depth of 50 feet below ground surface and were performed by Middle Earth Geo Testing under contract with Geo-Logic in April, 2024.

Based on our discussion, you have evaluated the soils at the site and they are considered susceptible to liquefaction; therefore the site is classified per ASCE 7-16 as Seismic Site Class F. A site classified as having Class F requires a site response analysis be performed for structures with period greater than 0.5 second in accordance with Section 21.1 of ASCE 7-16 (refer to Section 11.4.8 of ASCE 7-16) (American Society of Civil Engineers 2017). Using the results of a non-linear (including pore-water pressure generation and dissipation models) site response analysis, we have characterized the ground surface seismic ground motion hazard as a recommended surface Risk-Targeted Maximum Considered Earthquake (MCE_R). In addition, we have provided the maximum considered earthquake geometric mean (MCE_G) peak ground acceleration (PGA_M) and mode of the moment magnitude (M) of contributing seismic sources for the purposes of liquefaction analyses.

1.2. Geologic Setting

1.2.1. Regional Geology

The site is located (see Figure 1) in the central portion of the Coast Range Geomorphic Province which consists of a sequence of northwest-trending mountains and valleys aligned with and adjacent to the coastline. The Coast Range is approximately 60 miles wide and extends from the Pacific coast on the west to the San Joaquin Valley on the east, with the San Andreas fault as the eastern boundary. The northern boundary of the province is the California-Oregon border and is bounded on the south by the Transverse Range Geomorphic Province. The site is located within the Santa Clara Valley, which is composed of Quaternary-aged alluvial deposits overlying older Pleistocene- to Mesozoic-aged sediments and metamorphic basement formations, including the Franciscan Formation.



Notes: Faults near the site are labeled with red text. Source: (Jennings et al. 2010)

Figure 1. Regional geologic map.

1.2.2. Tectonic setting and faults

Santa Clara Valley is within the tectonically active boundary between the Pacific and North American plates which are separated by the San Andreas fault system, one of the most active and well studied fault systems in the world (Wallace 1990). The San Andreas Fault is a right-lateral strike-slip fault that marks the boundary between the aforementioned plates. It is approximately 16 km southwest of the site and capable of producing $>M8$ earthquakes (M represents moment magnitude). In addition to the San Andreas Fault, several subsidiary Holocene-active fault zones along the same northwest tectonic trend as the San Andreas, such as the Hayward, Calaveras, and Monte Vista-Shannon faults, contribute to the region's seismic activity (Bailey and Everhart 1964). Other faults without Holocene activity are also located near the fault, such as the San Jose fault and Silver Creek fault (Hauksson and Jones 1991; Wentworth et al. 2010). These faults are part of a network of north-northwest-trending, predominantly right-lateral strike-slip and reverse-oblique faults accommodating the right-lateral strike-slip motion between the converging plates, contributing to the region's seismicity (Dickinson et al. 2005; McLaren et al. 2008; McLaren and Savage 2001; PG&E 1988).

1.2.2.1. Holocene-active faults contributing to seismic hazard at the site

1.2.2.1.1. Monte Vista-Shannon Fault

The Monte Vista-Shannon fault zone is located approximately 11 km southwest of the site in a complex contractional system of generally northeast-vergent thrust and reverse faults that bound the northeastern side of the Santa Cruz Mountains (McLaughlin 1990; McLaughlin et al. 1997; Schwartz et al. 1990). The Monte Vista-Shannon fault zone is a predominantly southwest-dipping reverse to reverse-dextral oblique slip fault that extends along the northeastern margin of the Santa Cruz Mountains from the vicinity of Los Trancos Creek southeast to the Alamitos Creek area, near Calero Reservoir. It has a slip rate of approximately 0.3 mm/yr (Hitchcock et al. 1994).

1.2.2.1.2. Hayward fault

The Hayward fault is a dextral strike-slip fault related to the larger San Andreas fault system located approximately 13 km northeast of the site (Aydin 1982). The Hayward fault was the source of an approximately M7 earthquake in 1868. The Hayward fault has a minimum dextral slip rate of 8 mm/yr (Lienkaemper and Borchardt 1996).

1.2.2.1.3. San Andreas fault

The San Andreas fault zone is located approximately 16 km southwest of the site. It is a major dextral strike-slip fault zone that extends for about 1,100 km along the western side of California. It is near the coast in northern California, but stays entirely inland to the south of San Francisco, extending all the way to the northern Gulf of California in Mexico. The San Andreas accommodates the majority of relative N-S motion between the Pacific and North American plates (Wallace 1990). The San Andreas has a minimum of 12 mm/yr slip rate and has historically produced a M7.9 earthquake known as the 1906 San Francisco earthquake (Hall 1984).

1.2.2.1.4. Calaveras fault

The Calaveras fault is located approximately 17km northeast of the site and extends for about 150 km from the San Ramon area southeast to about 30 km south of Hollister. It is an active dextral strike-slip fault linked to the deformation on the San Andreas fault zone. The slip rate varies from 5-6 mm/yr north of the Calaveras Reservoir (Kelson et al. 1996; Simpson et al. 1999) and 15 mm/yr of creep south of the reservoir (Kelson and Baldwin 1998).

1.2.3. Local Geology

The soils at the site are composed of Quaternary-aged alluvial deposits underlain by older sedimentary deposits such as the Pliocene- to Pleistocene-aged Santa Clara Formation, a subaerially deposited fluvial, unconsolidated to lightly consolidated unit of bedded conglomerate, sandstone, siltstone, and mudstone. At the location of the new structures, no artificial fill was encountered in the explorations. The alluvium consists of alternating layers of firm to very stiff clay and medium dense to very dense clayey sand/poorly graded sand to the maximum depth of exploration, 50 feet below ground surface.

2. Groundwater

The site is located within the Santa Clara Plain Confined Area in the Santa Clara Subbasin (Basin Number 2-9.02) (Gurdak and Tick 2022). The basin is bounded on the southwest and northeast by the Santa Cruz Mountains and Diablo range, respectively, along the northwest by San Francisco Bay, and along the southeast by a groundwater divide with the Llagas Subbasin near Cochrane Road in Morgan Hill. The Santa Clara Plain subbasin confined area contains low permeability clays and silts that separate shallow and principal aquifers, with the latter being defined as aquifer materials greater than 150 feet below ground surface. The shallow, confined aquifer resides within the soils encountered at the site; during exploration at the site, groundwater was found to be between 3 and 20½ feet below ground surface after drilling was completed. The historic high groundwater at the site is approximately 10 feet below ground surface (California Division of Mines and Geology 2002).

3. Soil Properties

The layer properties and geometry are interpreted primarily from CPT01 and Borings DH-1 and DH-2 for the site response analysis. The layer boundaries are established based on an agglomerative clustering algorithm (Hudson et al. 2023). The results of the layering algorithm are presented in Figure 2. The layers and selected soil properties are presented in Figure 4 and Table 1.

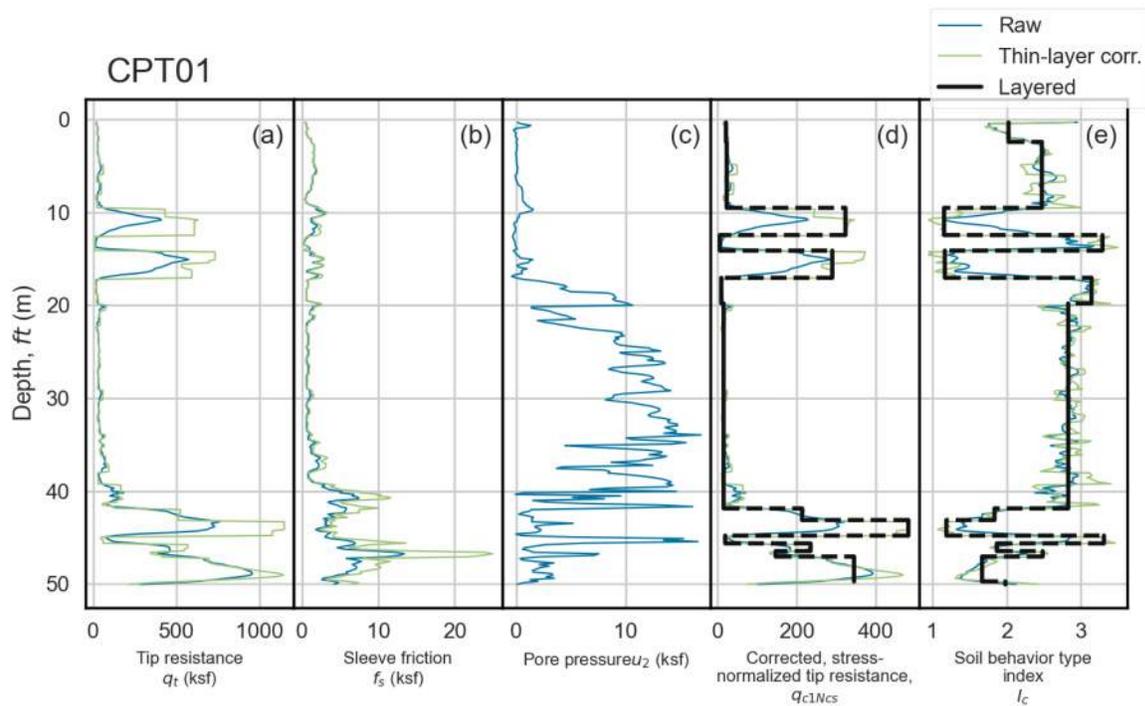


Figure 2. Cone penetration test (CPT) 01 layer boundary interpretations (Hudson et al. 2023).

The geometry is denoted using the depth to the top of the layer (z_{top}) and depth to the bottom of the layer (z_{bot}). Note that the groundwater table for modelling is placed at 5 feet below ground surface, therefore the layer designated “2” which straddles that depth is split into two sub-layers; one above the groundwater table (designated 2.1) and one below (designated 2.2). Additionally, layer 7 is discretized into 5 sub-layers to allow for a higher maximum frequency to pass through the layer.

The total unit weights (γ) are derived from moisture-density testing performed on samples within the layers. The blow counts (N) are taken as the average N within the layer, and in the case of layers where there is no blow count data, the nearest value of N for a layer above or below is taken as representative for the layer. The CPT tip resistance (q_t) and sleeve friction (f_s) are taken as the median value within each layer. The fines content (FC), defined as the percent passing the No. 200 sieve, is also taken as the average value of measured samples within the layer or the nearest sample with a measurement to the layer. One plasticity index (PI) measurement was obtained for the site; this value of PI was taken as representative for all the layers with similar soil properties. The V_S is taken as the profile obtained at CPT01 because that V_S profile and the one obtained at CPT02 are very similar. The V_S profiles, along with the the time-averaged values over the top 50 ft and the top 100 ft (V_{S50} and V_{S100} , respectively) are presented in Figure 3. The V_{S100} value is extrapolated using the method presented in Boore (2004).

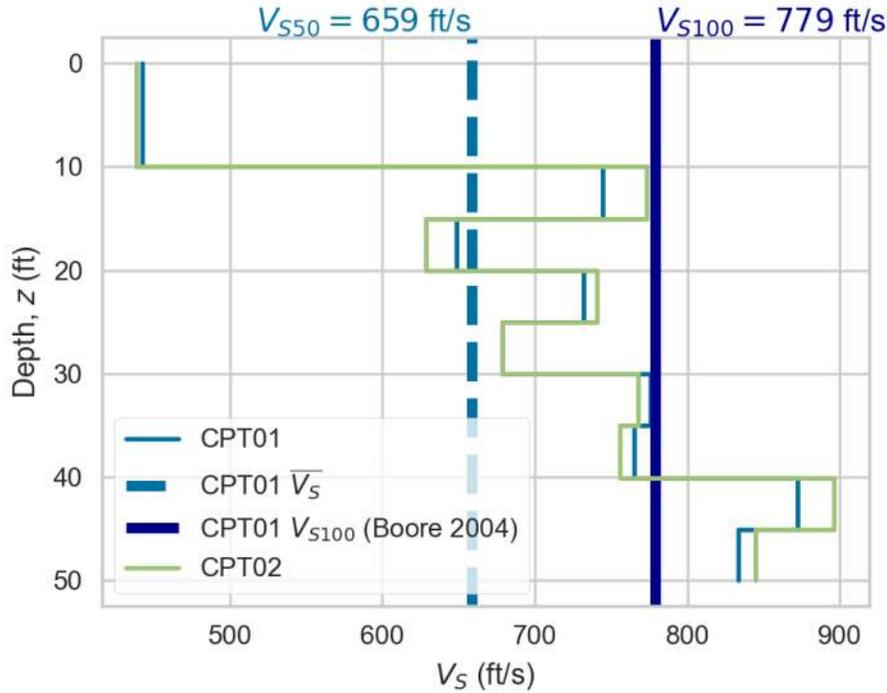


Figure 3. V_s profiles at CPT01 and CPT02.

Next, soil strength properties are estimated using the in-situ testing. In materials with sand-like behavior (<30% FC) the effective friction angle (ϕ') is examined based on correlations with N and q_t (Kulhawy and Chen 2007; Sabatini et al. 2002). The CPT correlation for ϕ' is selected for use rather than the N correlation due to the better correlation with q_t . The undrained shear strength (s_u) is estimated from ϕ' using Eq. 3.1.

$$s_u = \sigma'_v * \tan(\phi') \quad 3.1$$

The s_u for the materials exhibiting clay-like behavior is estimated using a relationship correlated with PI and N (Salgado 2022; Stroud 1975) for the SPTs and using the following relationship presented in Eq. 3.2 for CPT data.

$$s_u = \frac{(q_t - \sigma_v)}{N_k} \quad 3.2$$

where $N_k = 14$ (Salgado 2022).

The layers assigned to have sand-like behavior (given the s_u derived from ϕ') are 1, 3, 5, 8, and 10. Layers 2.1, 2.2, 4, 6, 7.1, 7.2, 7.3, 7.4, 7.5, and 9 are assigned clay-like behavior. The resulting s_u values are presented in Figure 4 and Table 1.

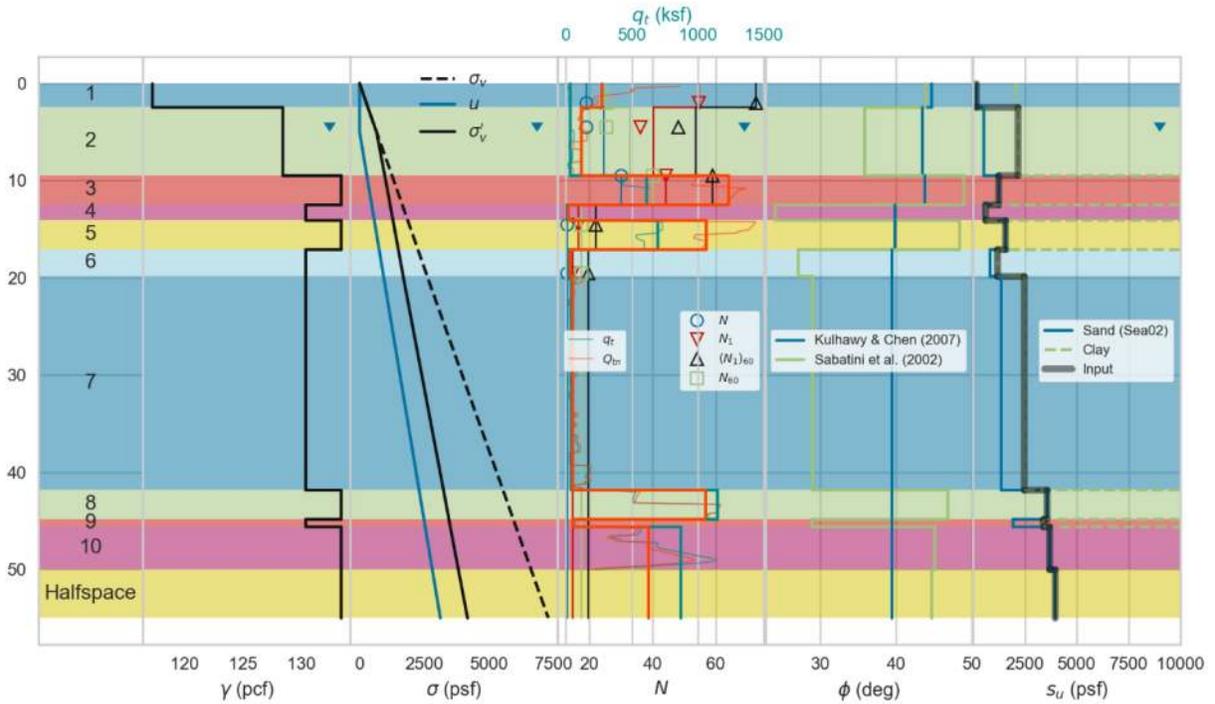


Figure 4. Profile geometry, measured properties, and estimated properties.

Table 1. Measured properties and estimated s_u of the soil profile.

Name	z_{top} (ft)	z_{bot} (ft)	γ (pcf)	N	q_t (ksf)	I_c	FC (%)	PI (%)	V_S (ft/s)	s_u (psf)
1	0	2.46	117	19	29.2	2.0	12	40	443	152
2.1	2.46	5	128	24.5	31.1	2.5	80	40	443	2165
2.2	5	9.51	128	24.5	31.1	2.5	80	40	443	2165
3	9.51	12.47	133	30	608.1	1.2	12	40	744	1232
4	12.47	14.11	130	13	10.0	3.3	80	40	649	1125*
5	14.11	17.06	133	13	695.5	1.2	12	40	649	1568
6	17.06	19.85	130	13	19.0	3.1	80	40	732	2000*
7.1	19.85	24.25	130	-	38.4	2.8	80	40	732	2450
7.2	24.25	28.64	130	-	38.4	2.8	80	40	678	2450
7.3	28.64	33.04	130	-	38.4	2.8	80	40	775	2450
7.4	33.04	37.43	130	-	38.4	2.8	80	40	775	2450
7.5	37.43	41.83	130	-	38.4	2.8	80	40	765	2450
8	41.83	44.79	133	-	513.3	1.8	12	40	833	3600
9	44.79	45.61	130	-	53.5	3.3	80	40	833	3393
10	45.61	50	133	-	867.1	1.7	12	40	833	3714
Halfspace	50	-	133	-	-	-	-	40	900	3947

*Note the s_u in layers 4 and 6 is developed by taking the average of the q_t from CPT01 and CPT02 because the values in CPT01 are biased low and caused unrealistic strains in the site response analysis.

Pore water pressure generation and dissipation is included in the following analysis, therefore the coefficient of consolidation (c_v) is estimated. Research has shown that c_v for sand with clay, having FC values found in these layers (11 to 13%) typically falls within a range of 2×10^{-5} to 2×10^{-4} ft²/s, therefore we assigned 2×10^{-4} ft²/s for the sand-like soils. For the clay-like soils, we assigned c_v of 1×10^{-7} ft²/s (Kim et al. 2013; Laskar and Pal 2018).

These soil parameters are varied for examination of the sensitivity of results, described further in Section 9.

4. Site Response Model

The site response model and analyses are performed using DEEPSOIL (2024). This section presents the input parameters to the site response model.

4.1. Soil Model Properties

Using the soil properties assigned in Table 1, the soil modulus reduction and material damping curves are constructed using generalized quadratic/hyperbolic models with shear strength control for the backbone curves. The Darendeli (2001) curves are used for both sand-like and clay-like layers and the general quadratic/hyperbolic model proposed by Groholski et al. (2016) has a curve fitting scheme that automatically corrects the reference curves based on the specified shear strength at large strains. To compute the backbone curves the overconsolidation ratio (OCR) and the at-rest earth pressure coefficient (K_0) are estimated using Eq. 4.1 for OCR (Kulhawy and Mayne 1990) and Eqs. 4.3 (Holtz et al. 2011) and 4.4 (Holtz et al. 2011; Massarsch 1979) for K_0 of sand-like and clay-like soils, respectively. Furthermore, the normally consolidated K_0 estimate ($K_{0,nc}$) is adjusted for overconsolidation ($K_{0,oc}$) using Eq. 4.5 (Alpan 1967; Schmidt 1966, 1967).

$$OCR = 0.3Q_{t1} \quad 4.1$$

where Q_{t1} is the stress corrected CPT tip resistance (Robertson 1990),

$$Q_{t1} = \frac{(q_{t1} - \sigma_v)}{\sigma_v'} \quad 4.2$$

$$K_{0,sand} = 1 - \sin(\varphi) \quad 4.3$$

$$K_{0,clay} = 0.44 + 0.42 \frac{PI(\%)}{100\%} \quad 4.4$$

$$K_{0,oc} = K_{0,nc} (OCR)^{0.5} \quad 4.5$$

These parameters are used to estimate the backbone curves which are then modified using curve fitting parameters (Groholski et al. 2016) shown for each layer in Table 2. Additionally, a pressure-dependent Non-Masing hyperbolic model (MRDF) is used; particularly the Darendeli (2001) modification to the formulation proposed by Phillips and Hashash (2009). The two fitted parameters (P_1 and P_2) used for each layer are presented in Table 2.

Assemblage of the profile yields a natural period (T_n) of 0.3 s per the computation output from Deepsoil.

Table 2. Generalized quadratic/hyperbolic soil model parameters.

Name	OCR	$K_{0,oc}$	D_{min} (%)	θ_1	θ_2	θ_3	θ_4	θ_5	A	P_1	P_2
------	-----	------------	---------------	------------	------------	------------	------------	------------	-----	-------	-------

1	6.9	0.81	2.74	-3.92	1.25	15.49	1	0.99	1	0.865	0.15
2.1	7.5	1.66	1.71	-1.9	1.36	0.00	1	0.59	1	0.685	0.15
2.2	7.5	1.66	1.47	-1.5	1.43	0.00	1	0.37	1	0.55	0.1
3	126.6	2.77	0.83	-0.48	1.14	0.58	1	0.39	1	0.505	0.1
4	2.4	0.94	1.52	-0.74	1.4	0.28	1	0.28	1	0.55	0.1
5	119.4	2.76	0.76	-2	1.37	0.00	1	0.59	1	0.685	0.15
6	4.6	1.30	1.29	-1.38	1.96	0.01	1	0.2	1	0.55	0.1
7.1	9.2	1.85	1.03	-1.11	2.1	0.02	1	0.19	1	0.415	0.05
7.2	9.2	1.85	1.03	-1.11	2.1	0.02	1	0.19	1	0.415	0.05
7.3	9.2	1.85	1.03	-1.11	2.1	0.02	1	0.19	1	0.415	0.05
7.4	9.2	1.85	1.03	-1.11	2.1	0.02	1	0.19	1	0.415	0.05
7.5	9.2	1.85	1.03	-1.11	2.1	0.02	1	0.19	1	0.415	0.05
8	198.5	3.84	0.54	-1.19	0.89	0.01	1	0.57	1	0.64	0.15
9	12.3	2.13	0.89	-0.6	1.39	0.04	1	0.27	1	0.415	0.05
10	135.0	3.40	0.54	-1.8	1.31	0.00	1	0.58	1	0.685	0.15
Bedrock	-	-	0.01	-	-	-	-	-	-	-	-

4.2. Pore water pressure generation and dissipation model properties

The pore water pressure generation for sand-like materials is modelled using Matasovic (1993) and Matasovic and Vucetic (1995). Empirical correlations for this model's parameters have been developed (Carlton 2014) and are used to estimate the values presented in Table 3. Pore water pressure dissipation is modelled using Terzaghi (1925) one-dimensional consolidation theory.

Table 3. Pore water pressure generation and dissipation model parameters.

Name	Max. r_u	c_v (ft ² /s)	c_v exp.	f	p	F	s	γ_{typ}	v	r	A	B	C	D
1	0.95	2E-04	0	2	1	1.9	1.38	0.02	3.8	-	-	-	-	-
2.1	0.99	1E-07	0	-	-	-	0.04	0.2	-	0.39	9.61	-17.33	8.36	-0.62
2.2	0.99	1E-07	0	-	-	-	0.04	0.2	-	0.39	9.61	-17.33	8.36	-0.62
3	0.95	2E-04	0	2	1	0.85	1.73	0.02	3.8	-	-	-	-	-
4	0.99	1E-07	0	-	-	-	0.06	0.2	-	0.46	12.65	-25.23	14.23	-1.64
5	0.95	2E-04	0	2	1	1.05	1.38	0.02	3.8	-	-	-	-	-
6	0.99	1E-07	0	-	-	-	0.05	0.2	-	0.42	10.83	-20.40	10.53	-0.94
7.1	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.38	9.13	-16.17	7.57	-0.52
7.2	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.38	9.13	-16.17	7.57	-0.52
7.3	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.38	9.13	-16.17	7.57	-0.52
7.4	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.38	9.13	-16.17	7.57	-0.52

7.5	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.38	9.13	-16.17	7.57	-0.52
8	0.95	2E-04	0	2	1	0.71	1.38	0.02	3.8	-	-	-	-	-
9	0.99	1E-07	0	-	-	-	0.03	0.2	-	0.36	8.52	-14.72	6.63	-0.40
10	0.95	2E-04	0	2	1	0.71	1.38	0.02	3.8	-	-	-	-	-
Bedrock	-	2E-04	-	-	-	-	-	-	-	-	-	-	-	-

5. Base Ground Motions

5.1. Seismic Hazard Analysis

5.1.1. General Seismic Design Parameters

A risk-targeted, maximum considered earthquake (MCE_R) response spectrum is developed for the base at the depth of the maximum exploration at the site, 50 feet below ground surface. The V_S at that depth is taken as 900 ft/s, which is rounded up from the V_S observed in both sCPTs. This V_S places the lower material into seismic site class D. The latitude and longitude used for the site to query the webtool are 37.3673, -121.9742, respectively. The risk category is assumed to be III for these structures. The general seismic parameters (S_s , S_1 , F_a , F_v , PGA_M , C_{rs} , and C_{r1}) are presented in Table 4.

Table 4. General (mapped) seismic parameters.

Parameter	Value
S_s (g)	1.5
S_1 (g)	0.6
F_a	1.0
F_v	1.7
C_{rs}	0.954
C_{r1}	0.931
T_i (s)	12
PGA_M (g)	0.553

5.1.2. Site-Specific Ground Motion Hazard Analysis

In addition to the general parameters presented in the previous section, we have performed a site-specific ground motion hazard analysis for the base ground motions in accordance with Section 21 of ASCE 7-16. The V_{S30} (average shear wave velocity in the upper 30 m) is taken as the V_S of the base (i.e. halfspace, bedrock) material = 900 ft/s and the basin depth terms, $Z_{1.0}$ and $Z_{2.5}$ (the depth to shear wave velocity of 1.0 and 2.5 km/s, respectively) are taken as 0.604 and 0.880 km, respectively, from the USGS Bay Area 3-D Velocity Model version 21.1 (Aagaard and Hirakawa 2021).

5.1.2.1. Ground Motion Models (GMMs)

The weighted average of four ergodic ground motion models (GMMs) is taken as the total response for the site. The GMMs are from the Pacific Earthquake Engineering Research Center (PEER) Next Generation

Attenuation (NGA) West 2 project (Abrahamson et al. 2014; Boore et al. 2014; Campbell and Bozorgnia 2014; Chiou and Youngs 2014). Equal weights of 0.25 are applied to the four GMMs used. Idriss (2014) is not included because the V_{S30} is less than 450 m/s, which is outside of the range of applicability of that model. The GMMs provide ergodic median component ground motion (RotD50) estimates as a function of the V_{S30} , $Z_{1.0}$ and $Z_{2.5}$. These are the weighting schemes and GMMs recommended by the national seismic hazard model project (NSHMP) (Petersen et al. 2024).

5.1.2.2. Ground Motion Hazard Analysis

A probabilistic seismic hazard analysis (PSHA) is performed using the NSHMP hazard application web services (Powers et al. 2022). A total of 21 hazard curves for intensity measures (IMs) between peak ground acceleration (PGA, equivalent to spectral acceleration (S_a) at an oscillator period (T) of 0.01 s) and spectral acceleration at $T = 10$ s. The PSHA is performed using the 2018 conterminous U.S. (ConUS) fault model (Petersen et al. 2020; Powers and Altekruze 2022). The hazard curves and the location of the uniform hazard for the relevant hazard level is presented in Figure 5.

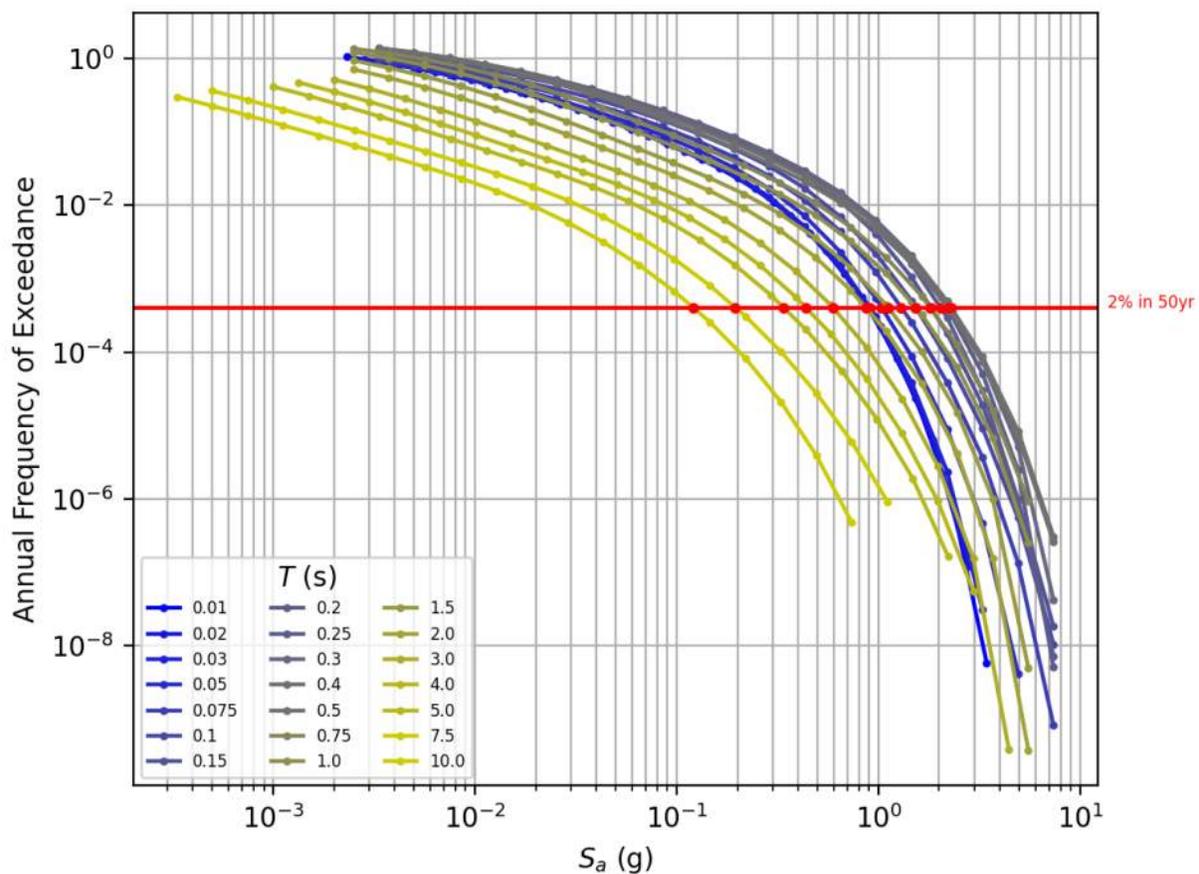


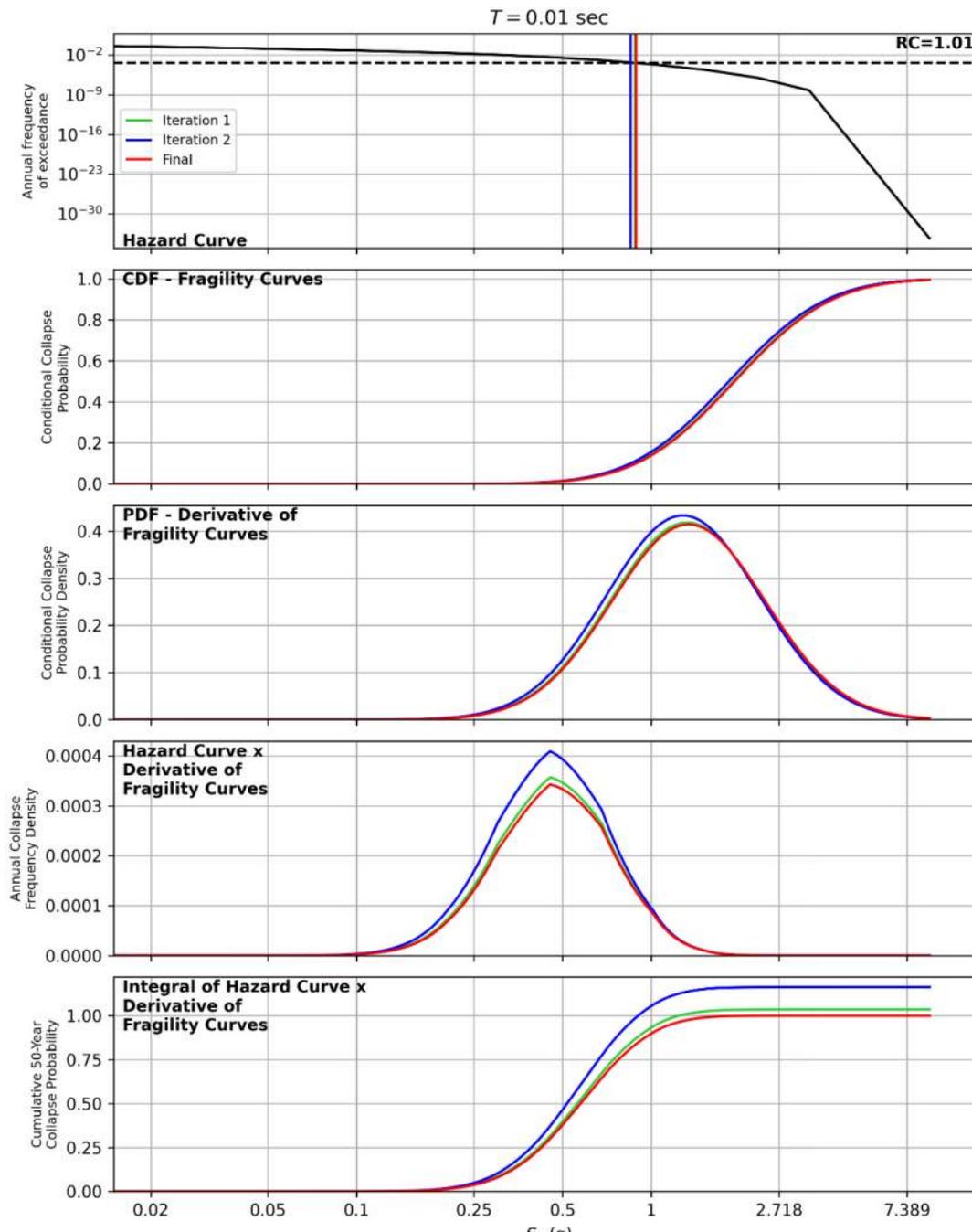
Figure 5. Hazard curves from PSHA for base (“halfspace”) ground motions.

5.1.2.2.1. Site-Specific MCE_R Development

The computed 5%-damped median ground motions are converted to maximum response direction ground motions (RotD100) using the scaling factors recommended in the Shahi-Baker study (Shahi and Baker

2014). The resulting probabilistic response spectrum in the maximum response direction is considered as the fault normal spectrum for the project.

In accordance with Chapter 21 of ASCE 7-16, the probabilistic risk-targeted response spectrum (MCE_R) is taken as the S_a in the direction of maximum horizontal response represented by a 5% damped acceleration response spectrum that is expected to achieve a 1% probability of collapse within a 50-year period (Section 21.2.1.2 of ASCE 7-16). This is achieved using iterative integration of the site-specific hazard curves with a lognormal probability density function that has a 10% probability of collapse at the spectral ordinate and a logarithmic standard deviation value of 0.6. An example of this iterative calculation is shown in Figure 6. The risk convolution for every IM is shown in Appendix A. The resulting spectrum with the RotD100 adjustment is shown in Figure 7.



Notes: a lognormal probability density function is used to represent collapse fragility. The hazard curve is shown in the top subplot. The first iteration uses the IM value at the uniform hazard level of 2% in 50 years (shown in green). A fragility curve, represented as a cumulative distribution function (CDF) is computed that has a 10% probability of collapse at that IM value in the second plot. The integral of this CDF is presented in the third plot as the probability density function which is then multiplied by the hazard curve producing the curve in fourth plot. The derivative of this curve is computed to obtain the CDF of the 50-year collapse probability in the fifth plot. The asymptote is less than 1%, therefore the next iteration (blue line) begins at a lower IM value than the first iteration, and the process is repeated. The second iteration's final collapse probability is greater than 1% and because the differences between the collapse probabilities and IM values for the first two iterations are known, the third iteration can have the exact IM value selected that produces 1% probability of collapse in 50 years (red line). The final risk coefficient (RC) is shown in the upper right hand corner: this is the value obtained to multiply by 2% probability of exceedance in 50-year IM value from the hazard curve to obtain the risk-targeted value.

Figure 6. Iterative integration of the site-specific hazard curve for S_a at $T = 0.01s$ for base ("halfspace") ground motions.

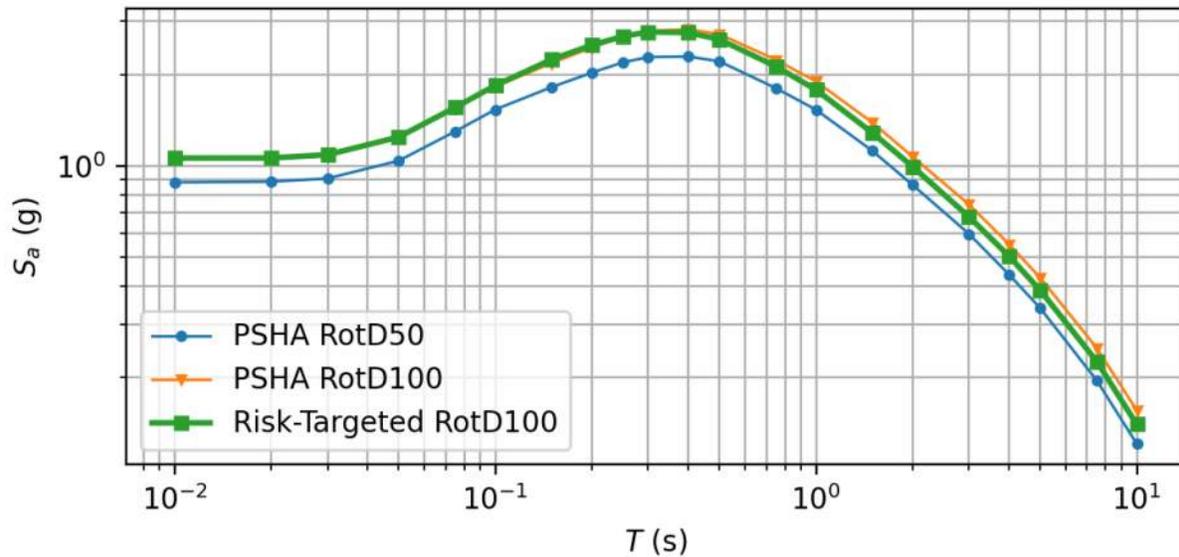


Figure 7. Site-specific probabilistic spectra for base (“halfspace”) ground motions.

Hazard deaggregation is performed in addition to the hazard curve calculation and the results are presented in Appendix B. The sources contributing the largest hazard to the site are extracted from the deaggregations and used as deterministic scenarios for the Deterministic Seismic Hazard Analysis (DSHA) with the source and path parameters listed in Table 5. For the DSHA, a composite deterministic response spectrum is compiled from the maximum of the 84th percentile spectral ordinates computed for each scenario. The deterministic spectrum is controlled by the Monte Vista-Shannon fault for T between 0.01 and 1 seconds and controlled by the San Andreas (Peninsula) (2) scenario for $T > 1$ s. The results of the DSHA are presented in Figure 8.

Table 5. Parameters for DSHA scenarios.

Fault	M	R (km)	Dip (deg)	Width (km)	Depth to top of rupture (km)
San Andreas (Peninsula) (2)	7.88	16	90	15	0
Hayward (south) (1)	7.09	13	82	11	0
Calaveras (north) (6)	7.3	17	77	11	0
Monte Vista - Shannon (4)	7.24	11	61	14	0
Hayward (south) (2)	6.91	15	82	11	0
Calaveras (center) (9)	6.86	17	77	11	0

In accordance with Section 21.2.2 of ASCE 7-16, the deterministic MCE response spectrum is taken as the largest of the maximum direction response spectrum of the compiled 84th percentile deterministic events and the deterministic lower limit at each spectral period as shown in Figure 8. In accordance with Chapter

21 of ASCE 7-16, the site-specific MCE_R is taken as the minimum of the deterministic MCE with lower limit considered and probabilistic MCE_R response spectra at each spectral period, as shown in Figure 8.

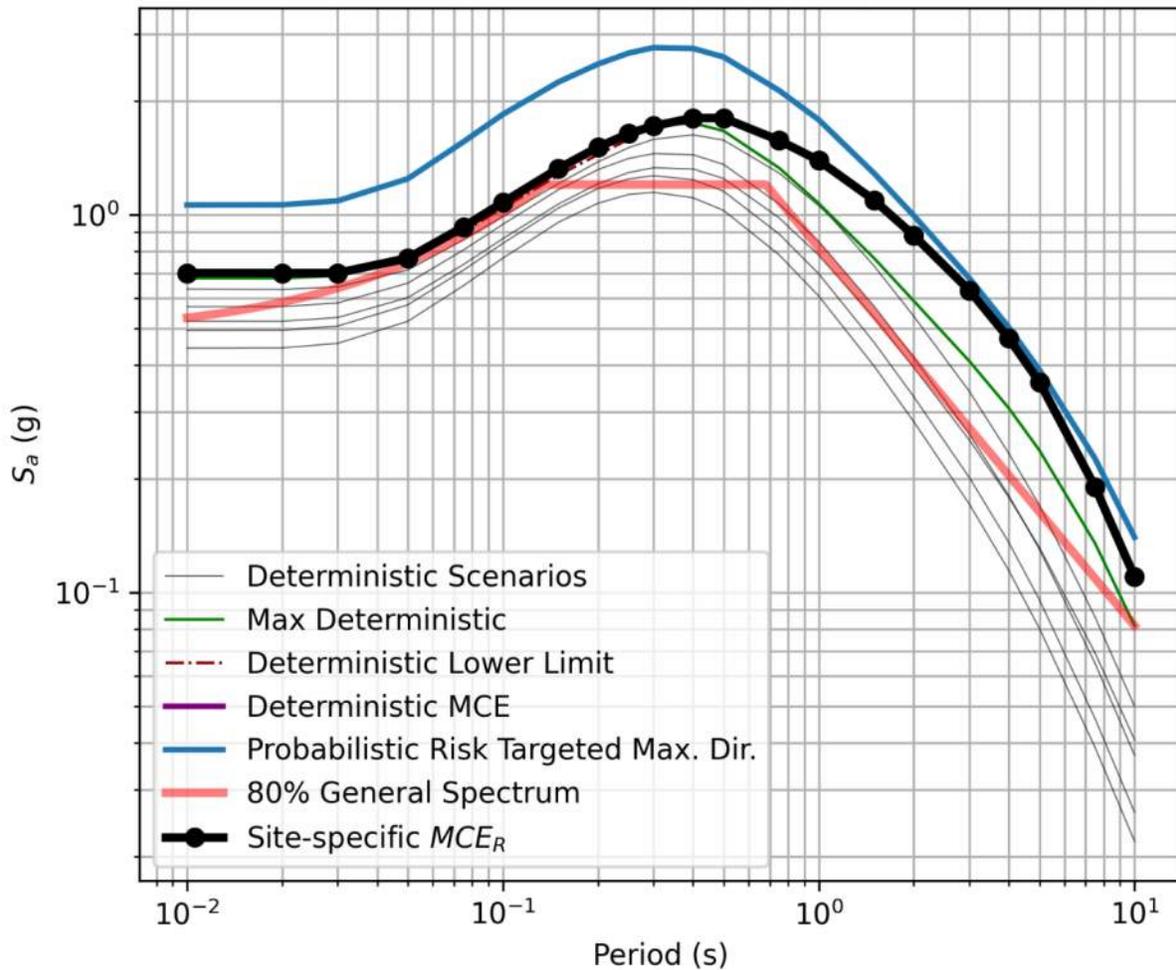


Figure 8. Site-specific risk-targeted maximum considered earthquake (MCE_R) for base (“halfspace”) ground motions and the preceding spectra needed for its calculation.

5.2. Selection and Scaling of Time Series

Five recorded horizontal ground motion acceleration time series are selected from the Next-Generation Attenuation (NGA) West2 database (Ancheta et al. 2014). Records are selected to minimize the mean squared error (MSE) between the record’s response spectrum and the target spectrum (the MCE_R spectrum developed in Section 5.1.2.2.1) when a scale factor (SF) between 0.2 and 4.0 is applied. The MSE minimization is weighted so that it has a weight of 1.0 at T_n and linearly decreases to a weight of 0 at $0.2 * T_n$ and $2 * T_n$. M , rupture distance (R_{rup}), fault mechanism, and site conditions that are representative of the seismic hazard at the site are also considered. All five records are selected as records with $R_{rup} < 25$ km because the entirety of the hazard is within that distance and $M > 6.5$ because the majority of the hazard is from large M contributions. The record information is presented in Table 6 and their response spectra is

shown in Figure 9. The acceleration-, velocity-, and displacement-time series of the selected and scaled base/input ground motions are presented in Appendix C.

Table 6. Selected records for base (“halfspace”) ground motions for use in site response analysis.

RSN	Event	Comp.	Year	M	Station	Site Class	Fault Mech.	R_{rup} (km)	Scale Factor
1176	Kocaeli, Turkey	H1	1999	7.51	Yarimca	D	Strike-Slip	4.83	3.09
1491	Chi-Chi, Taiwan	H1	1999	7.62	TCU051	D	Reverse-Oblique	7.64	3.49
6906	Darfield, New Zealand	H1	2010	7	GDLC	D	Strike-Slip	1.22	1.34
6	Imperial Valley-02	H2	1940	6.95	El Centro Array #9	D	Strike-Slip	6.09	3.44
900	Landers	H1	1992	7.28	Yermo Fire Station	D	Strike-Slip	23.62	3.57

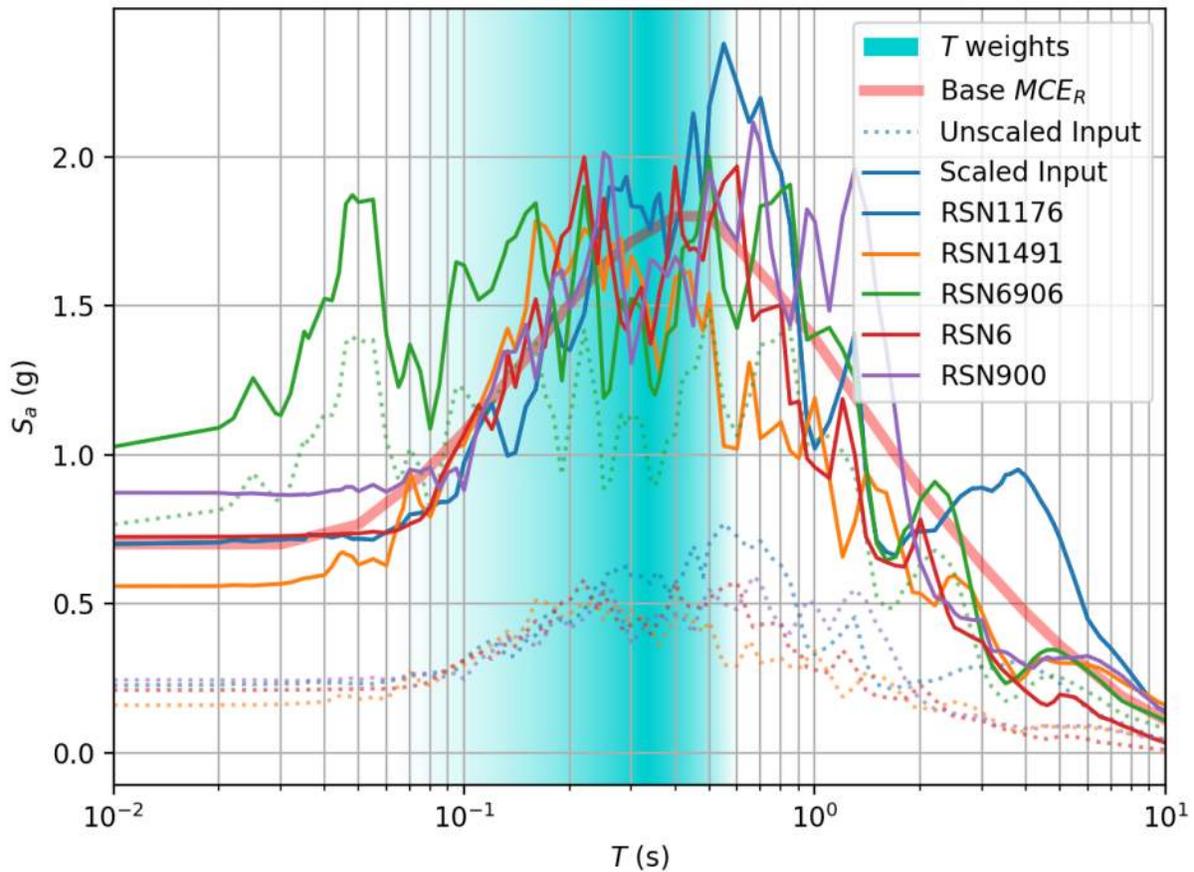


Figure 9. Selected and scaled records' response spectra for base ("halfspace") ground motions for use in site response analysis.

6. Site Response Analysis

Site response analysis is performed using nonlinear analysis with pore pressure generation and dissipation. Both the top and bottom of the profile are modeled as permeable. Complementary equivalent linear (frequency domain) analyses are computed in addition to compare against the nonlinear results. Viscous/small-strain damping is defined with a frequency independent damping matrix that does not update during the analysis. The effective shear strain ratio is set to 0.65, the complex shear modulus formulation is set to frequency independent, the time step control is set to flexible with a maximum strain increment of 0.005%, the integration scheme is set to the implicit Newmark beta method ($\beta=0.25$, $\gamma=0.5$), and the time-history interpolation is performed using zero-padding in the frequency domain. The five scaled records presented in Section 5.2 are input and run with 15 iterations, outputting the response in every layer. The acceleration-, velocity-, and displacement-time series and response spectra at the ground surface are presented with the selected and scaled base/input time series and response spectra in Appendix C.

The overall profile results of the analysis for each layer including the maximum acceleration (a_{max}), maximum displacement (d_{max}), shear strain (ϵ), cyclic stress ratio (τ/σ_v'), and maximum excess pore pressure

ratio (r_u) are presented in Figure 10. At the MCE_R level shaking, there are large accelerations experienced throughout the profile that induce sufficient excess pore pressure generation to liquefy layers 5 and 10. Layer 5 experiences the largest shear strain, and Layer 7.5 experiences significant nonlinear, softening behaviour causing significant strains for some of the input ground motions. Significant excess pore pressures develop in layer 8, but not enough to fully liquefy the layer and induce large strains.

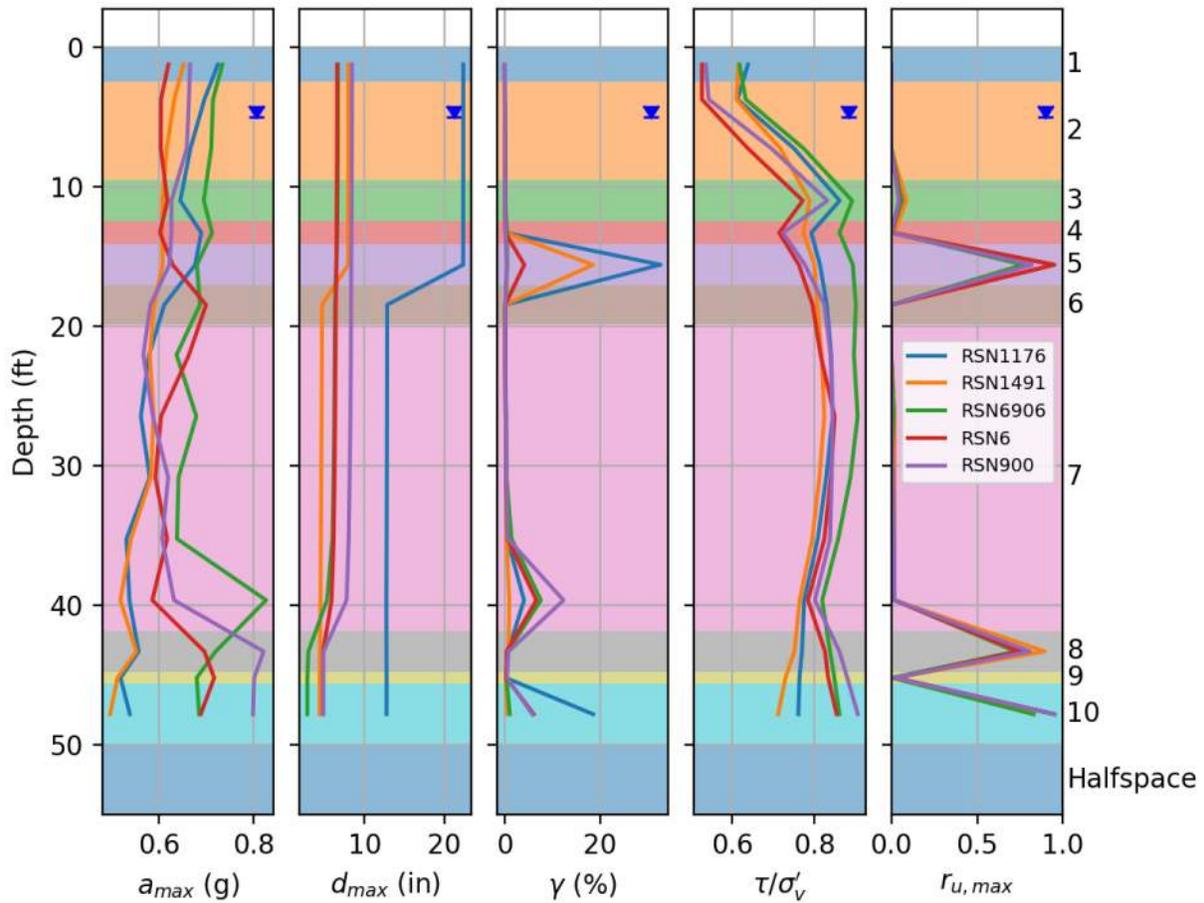


Figure 10. Profile results of site response analysis.

Layer 5 experiences large r_u , therefore, as an example using record RSN882, time series of the strain and excess pore pressure ratio and the stress-strain response are presented in Figure 11.

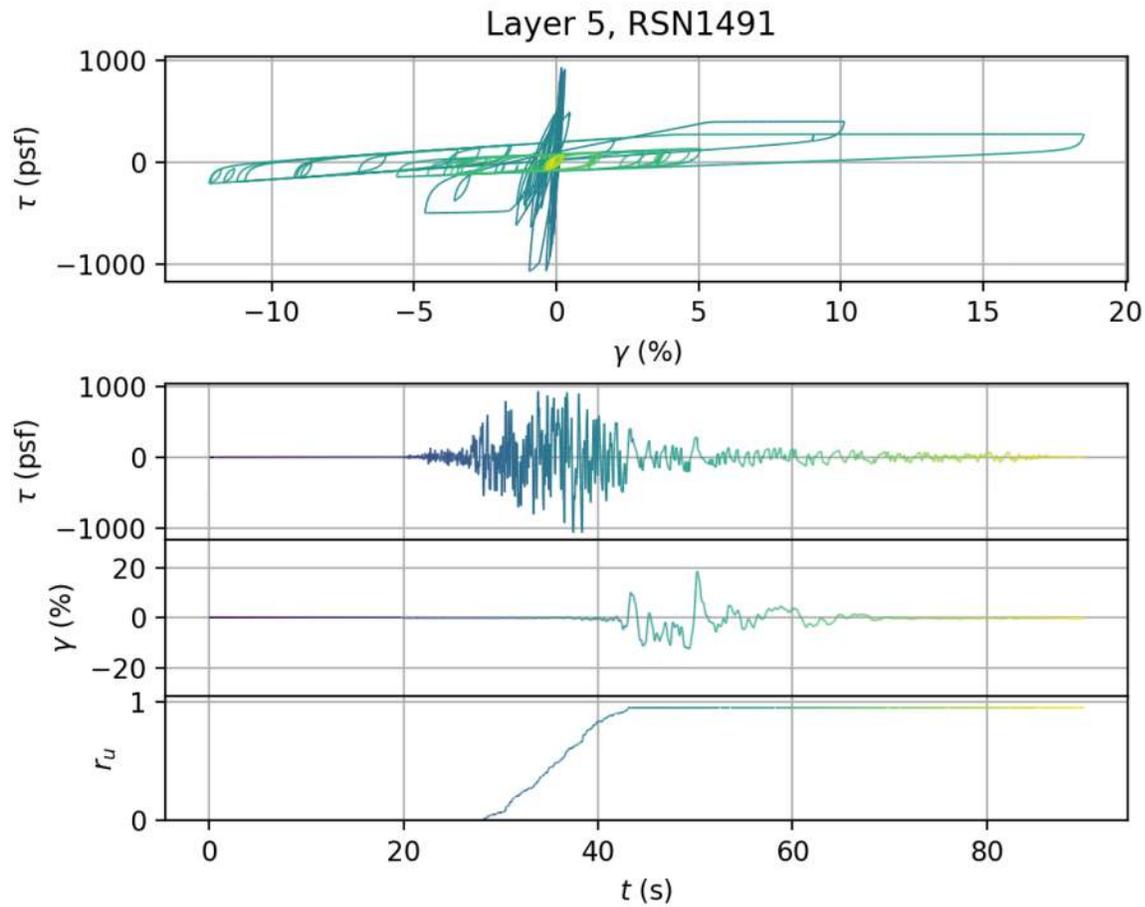


Figure 11. Stress-strain response and strain and excess pore pressure ratio time series colored by time (example for record RSN1491).

The response spectra for each of the five records are computed at the ground surface and compared with the base spectra in Figure 12. The peak S_a values experience a significant period-lengthening due to the stiffness reduction caused by the liquefaction, generally causing a reduction in S_a at $T < 0.06$ s and an amplification at $T > 0.6$ s.

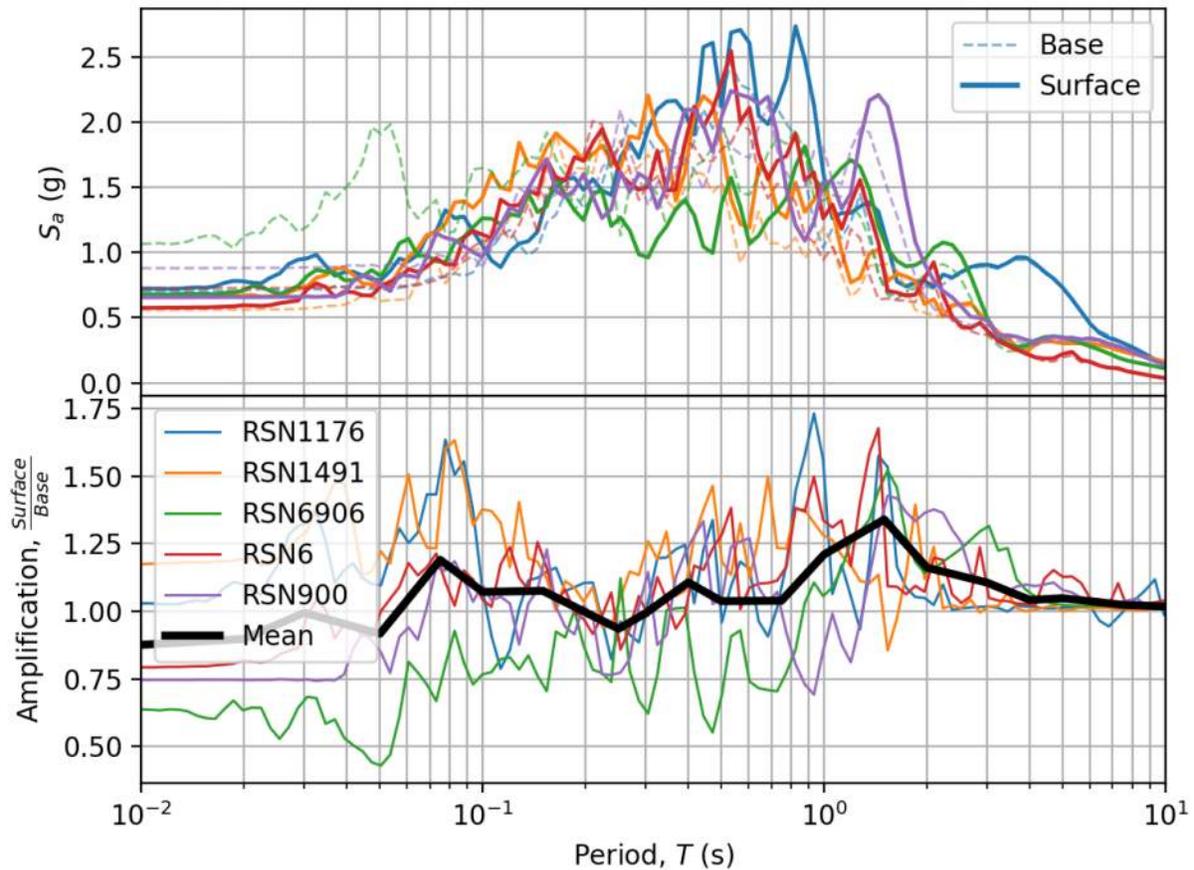


Figure 12. Base and surface response spectra comparison.

7. Final MCE_R and Design Response Spectra

The period-dependent amplification presented in Figure 12 is multiplied by the base MCE_R to produce the surface MCE_R . Supplement 1 of ASCE 7-16 states that the site-specific MCE_R shall not be taken less than 150% of the design response spectrum in Chapter 21.3 which in turn is required to be not less than 80% of S_a values that would be obtained if the site were Site Class E. The S_S and S_I parameters presented in Table 4 are used to compute the S_{MS} and S_{M1} values using the F_a and F_v values specified in Section 21.3 of ASCE 7-16 for the hypothetical Site Class E sites and are presented in Table 7.

Table 7. Site Class E General (mapped) seismic design parameters.

Parameter	Value
F_a	1.0
F_v	4.0
$S_{MS} = S_S * F_a$ (g)	1.5
$S_{M1} = S_I * F_v$ (g)	2.4

The hypothetical Site Class E general spectrum is constructed using these parameters and compared with the surface MCE_R in Figure 13. At T less than 4 seconds, the site response adjusted MCE_R is larger than 80% of the Site Class E general spectrum, but at T greater than 4 seconds the MCE_R spectrum is taken as 80% of the Site Class E general spectrum. The final ground surface MCE_R is also presented in tabular form in Table 8.

A site-specific MCE_R is also constructed from the ground surface as if the site is not Site Class F (Non-liquefied, $V_{S30} = 237$ m/s (779 ft/s)) using the same methods described in Section 5.1 for the purpose of comparison.

The final ground surface MCE_R is multiplied by $2/3$ to obtain the design response spectrum according to ASCE 7-16 Section 21.3. The site-specific seismic design parameters S_{DS} , S_{D1} , S_{MS} , and S_{M1} are calculated according to ASCE 7-16 Section 21.4 using the design response spectrum; the results are presented in Table 10.

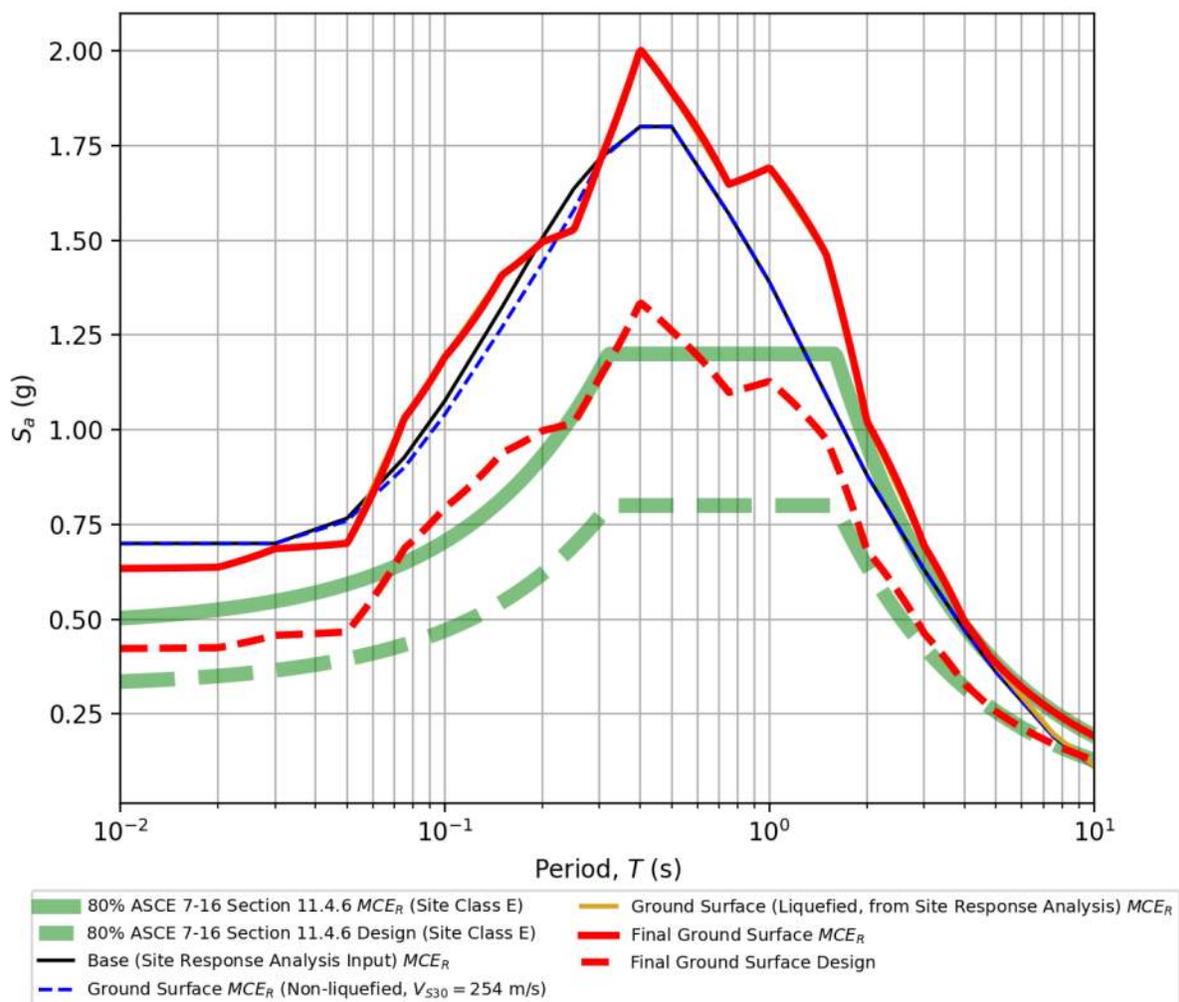


Figure 13. Final ground surface MCE_R construction.

Table 8. Final ground surface MCE_R construction.

T (s)	Input $MCE_R S_a$ (g)	ASCE 7-16 Section 11.4.6 MCE_R (Site Class E) S_a (g)	Site Response Amplified $MCE_R S_a$ (g)	Final $MCE_R S_a$ (g)	Final Design S_a (g)
0.01	0.700	0.628	0.634	0.634	0.423
0.02	0.700	0.656	0.637	0.637	0.425
0.03	0.700	0.684	0.686	0.686	0.457
0.05	0.766	0.741	0.700	0.702	0.468
0.075	0.927	0.811	1.030	1.028	0.685
0.1	1.076	0.881	1.192	1.191	0.794
0.15	1.323	1.022	1.408	1.407	0.938
0.2	1.506	1.163	1.496	1.495	0.997
0.25	1.637	1.303	1.528	1.531	1.020
0.3	1.715	1.444	1.707	1.707	1.138
0.4	1.800	1.500	2.004	1.998	1.332
0.5	1.800	1.500	1.891	1.891	1.261
0.75	1.570	1.500	1.648	1.649	1.099
1	1.390	1.500	1.692	1.690	1.127
1.5	1.090	1.500	1.461	1.461	0.974
2	0.880	1.200	1.021	1.024	0.683
3	0.630	0.800	0.694	0.694	0.463
4	0.470	0.600	0.492	0.493	0.329
5	0.360	0.480	0.375	0.384	0.256
7.5	0.190	0.320	0.198	0.256	0.171
10	0.110	0.240	0.113	0.192	0.128

Table 9. Site-specific (from the non-linear site response analysis) seismic parameters.

Parameter	Value (g)
S_{MS}	1.798
S_{MI}	2.191
S_{DS}	1.199
S_{DI}	1.461

8. Non-liquefied PGA_M and Mode of M for Liquefaction Analyses

For liquefaction analyses, the PGA_M and the mode of M based on site-specific deaggregation of seismic hazard are required to be computed using a non-liquefied soil response. PGA_M is computed in accordance with Section 21.5 of ASCE 7-16. The V_{S30} is taken as 237 m/s ($V_{S100} = 779$ ft/s), which is the V_{S30} value

calculated from the V_S profile obtained in CPT01. This is used to compute the probabilistic MCE_G PGA with a 2% probability of exceedance in 50 years and the Deterministic MCE_G PGA using the same methods described in Section 5.1.2. The probabilistic PGA hazard curve is presented in Figure 14. The deaggregation of the seismic hazard for PGA is presented in Figure 15. The mode of \mathbf{M} obtained in this manner is 7.5. The Deterministic MCE_G PGA is compared to $0.5F_{PGA}$ from Table 11.8-1 of ASCE 7-16 to ensure it is not lower than that value. All of the PGA values and the final, site-specific PGA_M , taken as the lesser of the Probabilistic MCE_G PGA and Deterministic MCE_G PGA values, are presented in Table 10.

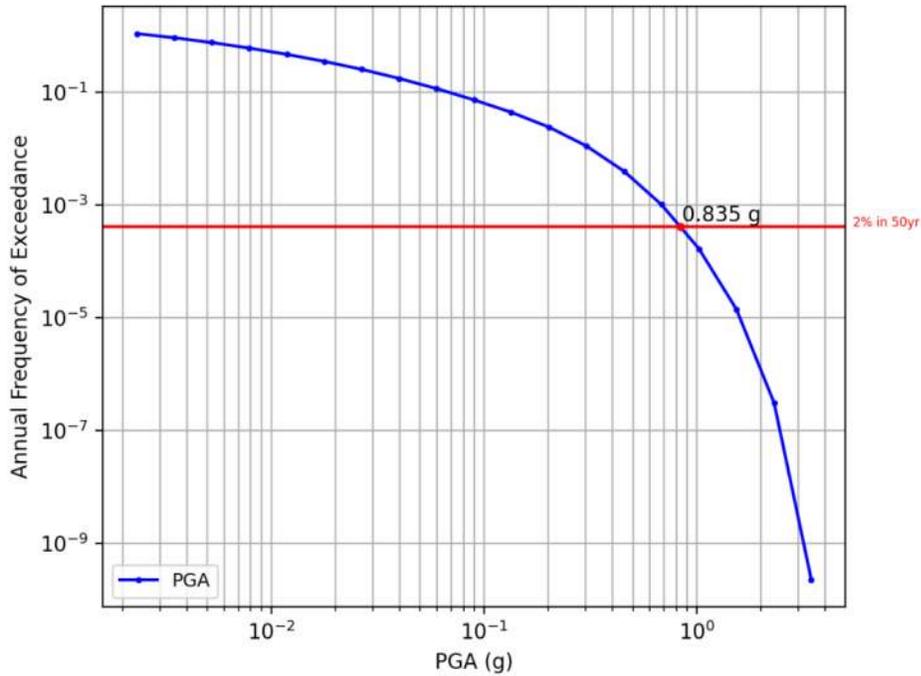


Figure 14. Non-liquefied ground surface PGA hazard curve.

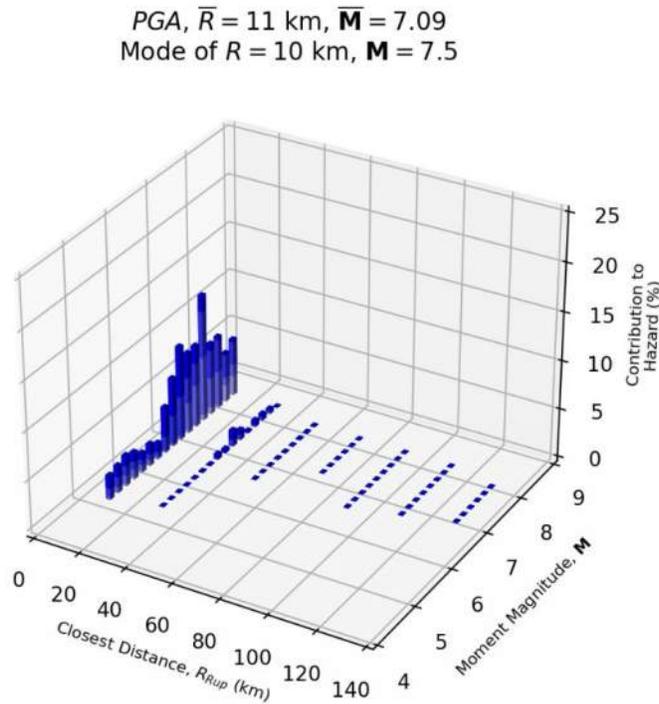


Figure 15. Non-liquefied ground surface PGA deaggregation.

Table 10. Non-liquefied site-specific PGA_M construction.

Parameter	Value (g)
General (mapped) PGA_M	0.553
Probabilistic MCE_G PGA	0.835
Deterministic MCE_G PGA	0.544
$0.5F_{PGA}$	0.550
Site-specific PGA_M	0.550

9. Sensitivity Studies

The selection of input model parameters for the site response analysis can have an impact on the final results; therefore, several sensitivity studies are performed to examine the influence of the uncertainty of parameters on the final results.

9.1. c_v Sensitivity

No consolidation tests were provided so the c_v is assumed as described previously. Therefore, a series of different c_v values in the sand-like layers are input and the results computed using the same input acceleration-time series are compared in Figure 16. It is shown that both increasing and decreasing c_v values have negligible impact on the results. At $2E-5$ ft²/s there is slightly higher shear strain response in the two

liquefied layers, but it does not result in a difference of response spectra. Therefore, the results are considered insensitive to c_v within the range of reasonable values.

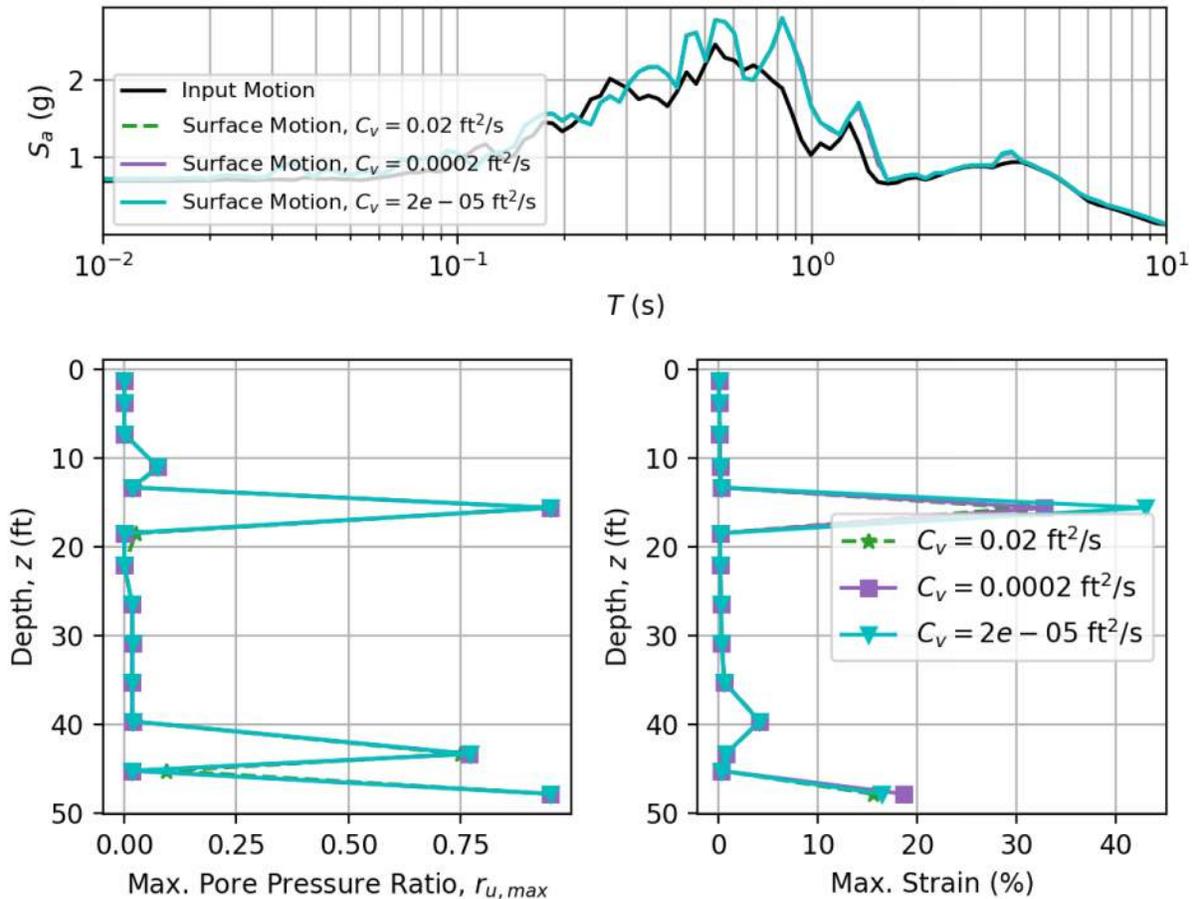


Figure 16. Comparison of site response analyses with varying c_v values in the sand-like layers.

9.2. Model Depth Sensitivity

To study the effects of layer thickness and the thickness of the entire model, the model is modified such that the halfspace layer is taken at 75 feet below ground surface, rather than the maximum depth explored of 50 feet. The sand-like layer encountered from approximately 45 to 50 feet below ground surface is extended to a depth of 75 ft in 5 ft thick layers. Each layer had its s_u increased to account for the overburden effect. Doing so lengthens T_n of the profile to approximately 0.42 second, compared to the 0.3 second of the shallower model. The deeper halfspace model is compared with the shallower model in Figure 17. The deeper halfspace model produces similar results to the shallower halfspace model at long and short periods, but intermediate periods between 0.1 and 1 seconds exhibit a reduction in S_a . This is because of the increase of liquefaction in the sand layers below 50 feet that attenuate the ground shaking. There is large uncertainty in the existence of a 25 ft thick sand layer that extends below 50 ft and it produces unconservative results relative to the shallower halfspace model, therefore the shallower model is recommended.

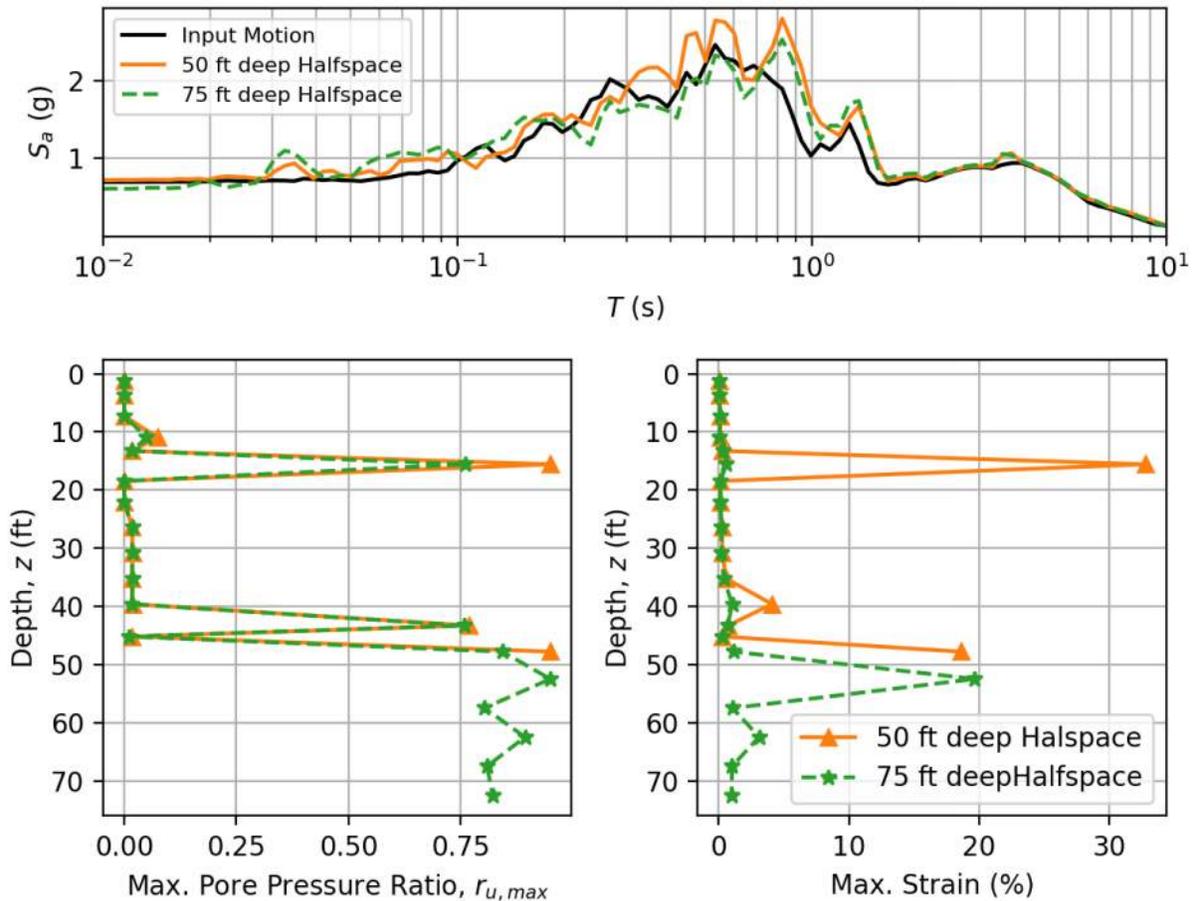


Figure 17. Comparison of site response analyses with varying halfspace depths.

9.3. V_S Sensitivity

There is significant uncertainty in V_S estimates both stemming from measurement uncertainty and spatial uncertainty, therefore the V_S profile is varied to study the effect on the final results. The V_S value in each layer is decreased and increased by 10% from the original estimate ($V_{S,90\%}$ and $V_{S,110\%}$, respectively) and the resulting site response analyses are presented in Figure 18. The strain experienced in the liquefied layers is highly dependent on the V_S within those layers, but the resulting response spectrum only significantly varied around the T_n value of the profile. The mean V_S case produced the more conservative (larger) S_a values, therefore it is selected for use.

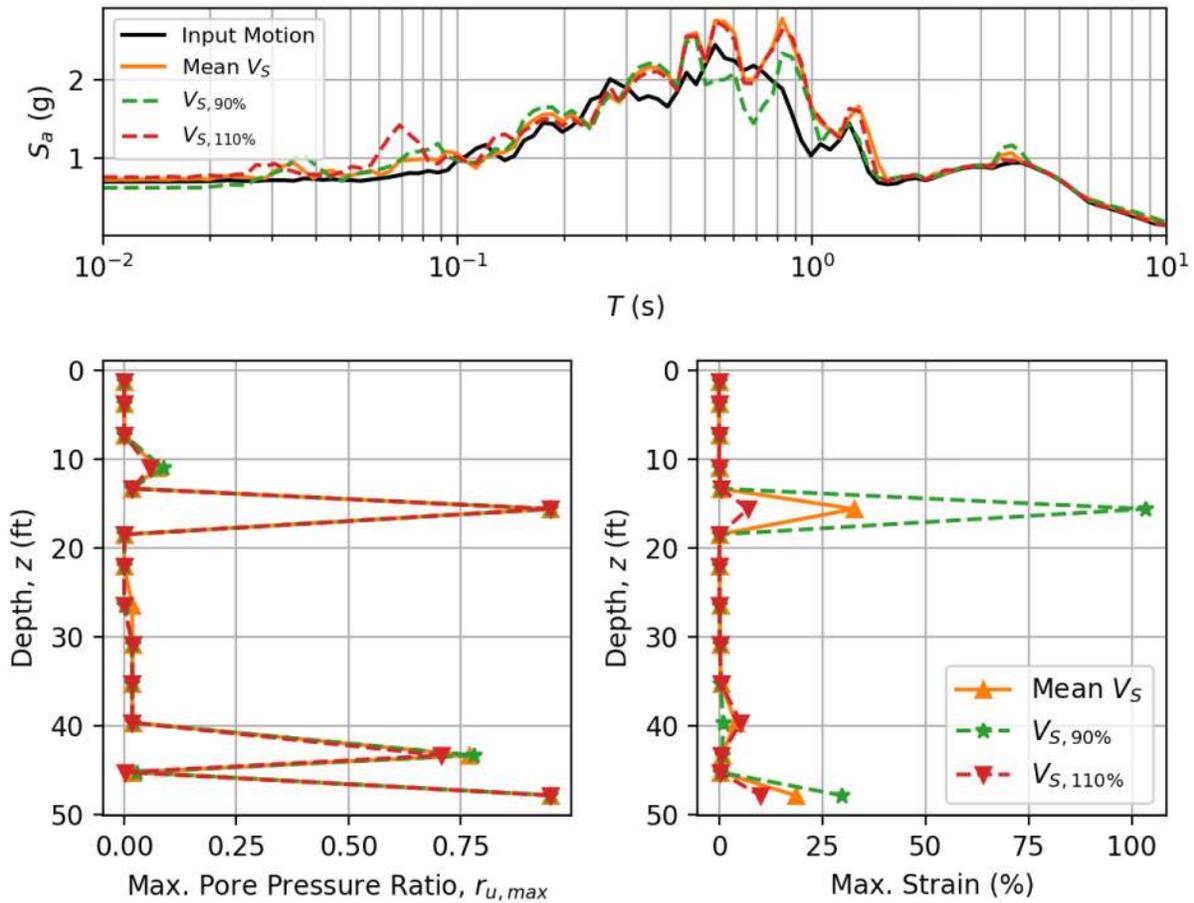


Figure 18. Comparison of site response analyses with varying V_s profiles.

9.4. s_u Sensitivity

The results are also sensitive to s_u values, therefore a 20% reduction and increase is applied to the s_u values and site response analyses performed again. The results for one input motion are presented in Figure 19. The “ $s_{u,Low}$ ” values are the 20% reduced values and “ $s_{u,High}$ ” are the 20% increased values. $s_{u,Low}$ produces lower S_a because of increased attenuation and inversely, $s_{u,High}$ produces larger S_a . The triggering of liquefaction in the shallower sand layer is highly dependent on s_u . Ultimately mean s_u values are used as the best estimate for the final MCE_R .

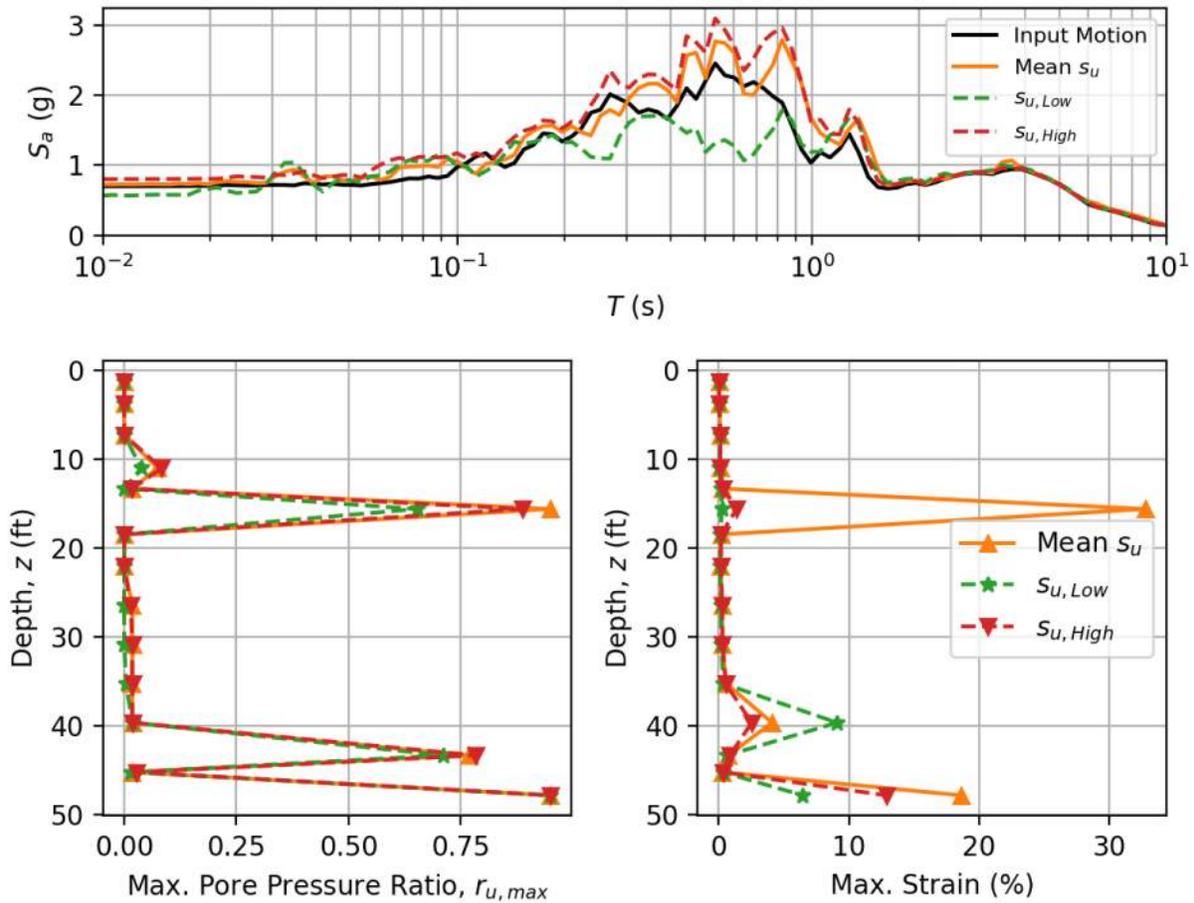


Figure 19. Comparison of site response analyses with varying s_u within each layer.

10. Conclusion

The project site for the new structures to be built at 2700 Chromite Drive, Santa Clara, CA is classified as Site Class F because of the presence of liquefiable soils in the event of the MCE level of shaking. Nonlinear site response analyses are performed in accordance with Section 21.1 of ASCE 7-16 and the recommended ground surface MCE_R response spectrum is presented based on those results. This computed response spectrum has lengthened period and attenuation of S_a values compared to the non-liquefied spectrum, due to the liquefied response of the profile. The results of the site response are examined for sensitivity to the input parameters. Additionally, the non-liquefied PGA_M and mode of M from seismic hazard contribution are provided for liquefaction analyses in accordance with Section 11.8.3 and 21.5 of ASCE 7-16.

It has been a pleasure to be of professional service to you. Please contact us if you have any questions or if we can be of further assistance.

Sincerely,

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- Attachments:
- Appendix A
 - Risk Convolution Calculations
 - Appendix B
 - Deaggregations of Seismic Hazard for Base Ground Motions
 - Appendix C
 - Plots of Ground Motion Records Used in the Site Response Analysis

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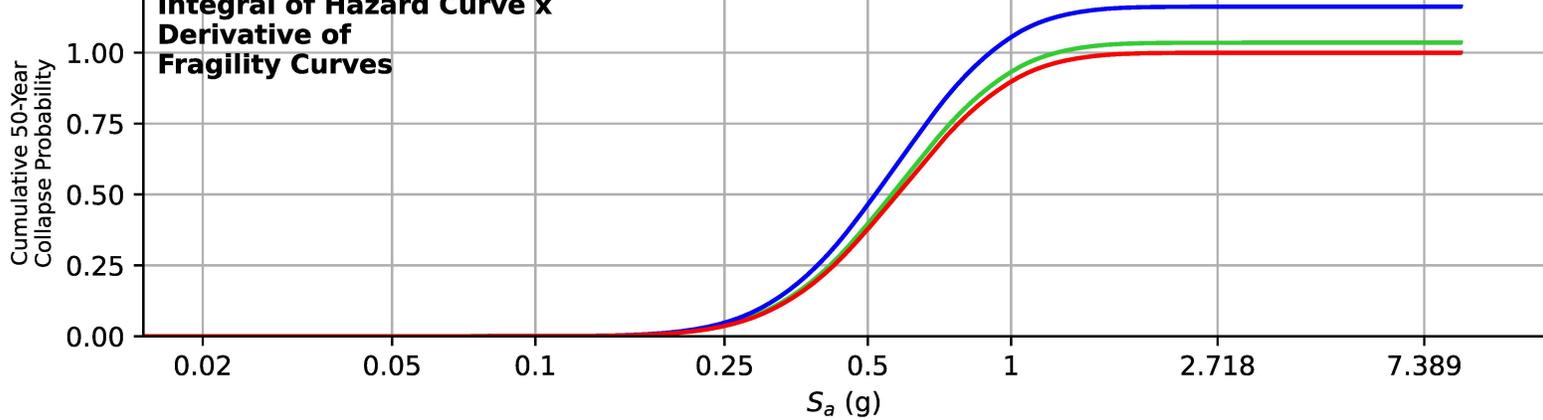
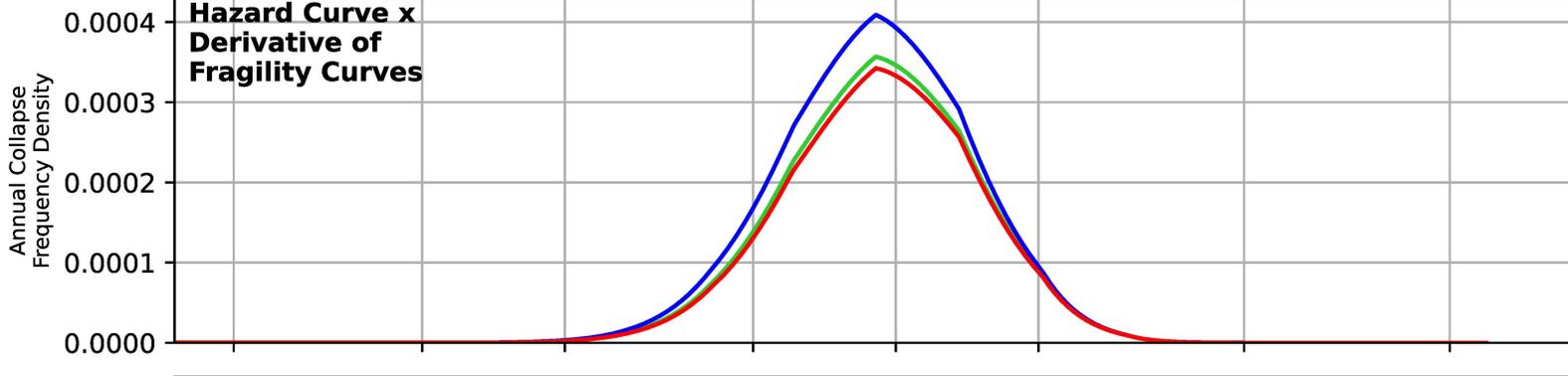
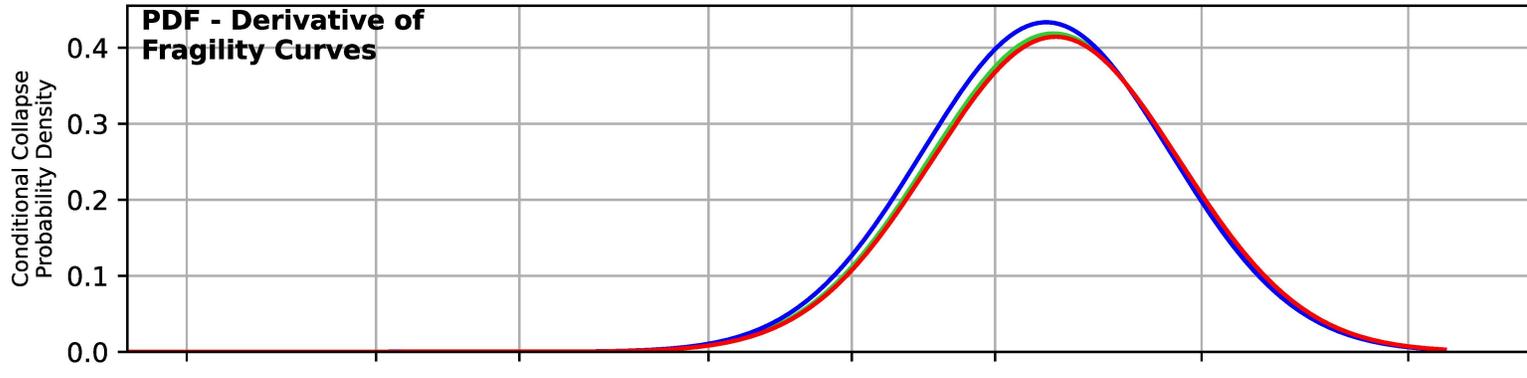
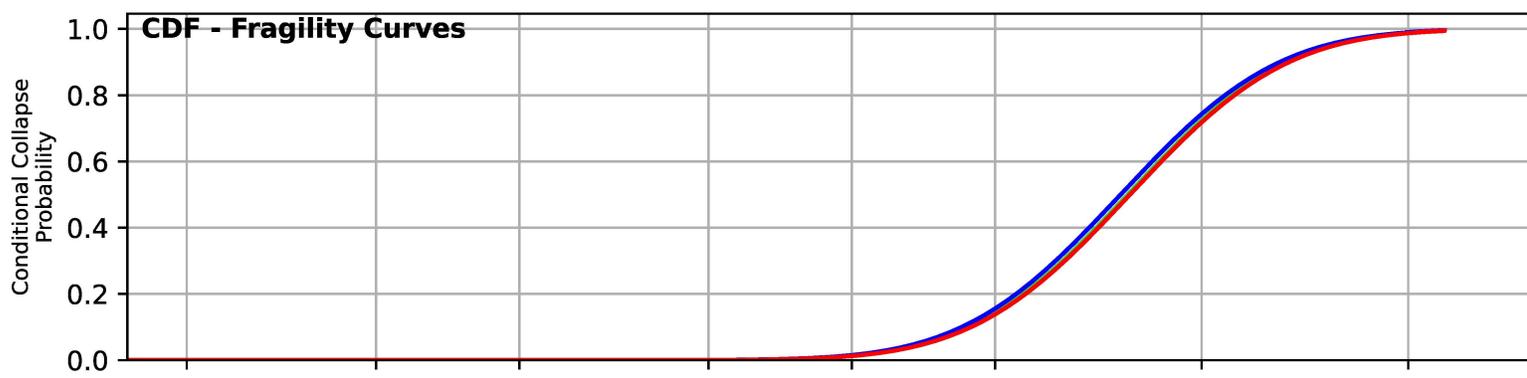
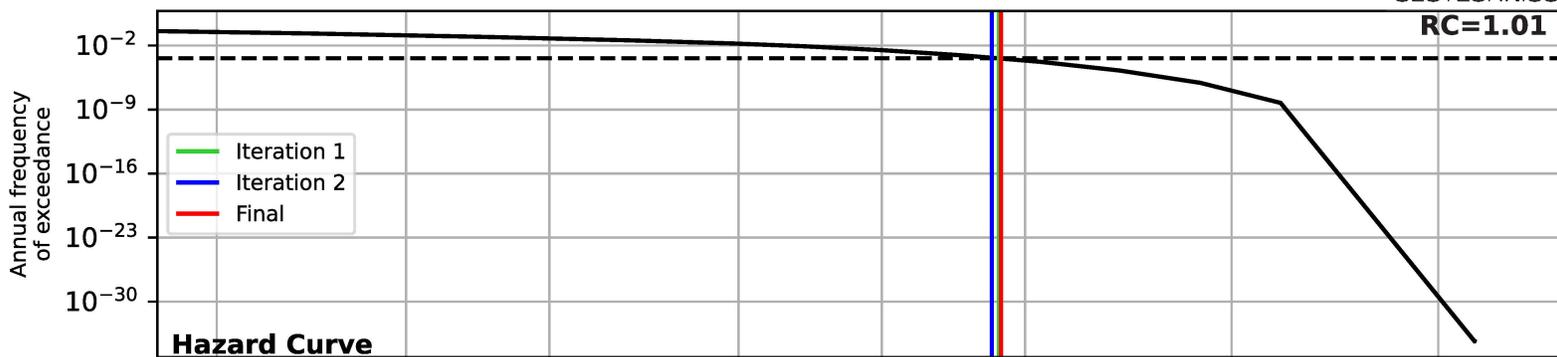


Appendix A

Risk Convolution Calculations

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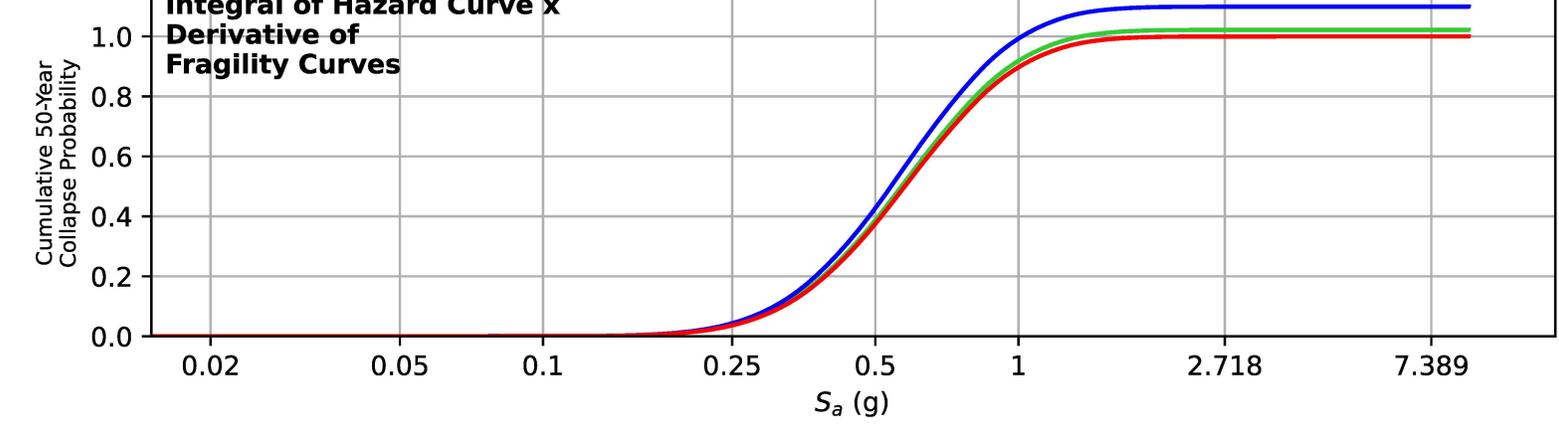
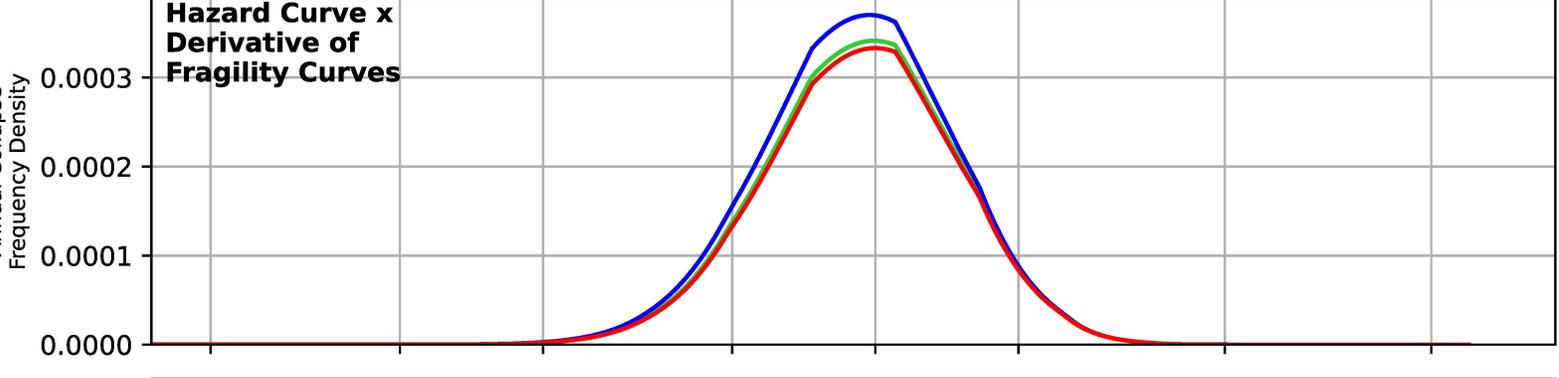
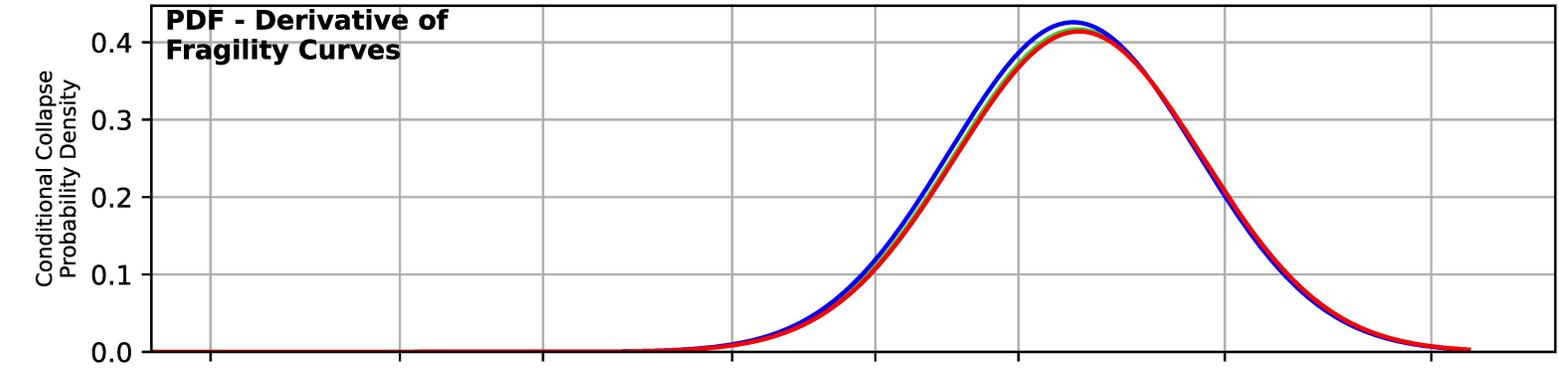
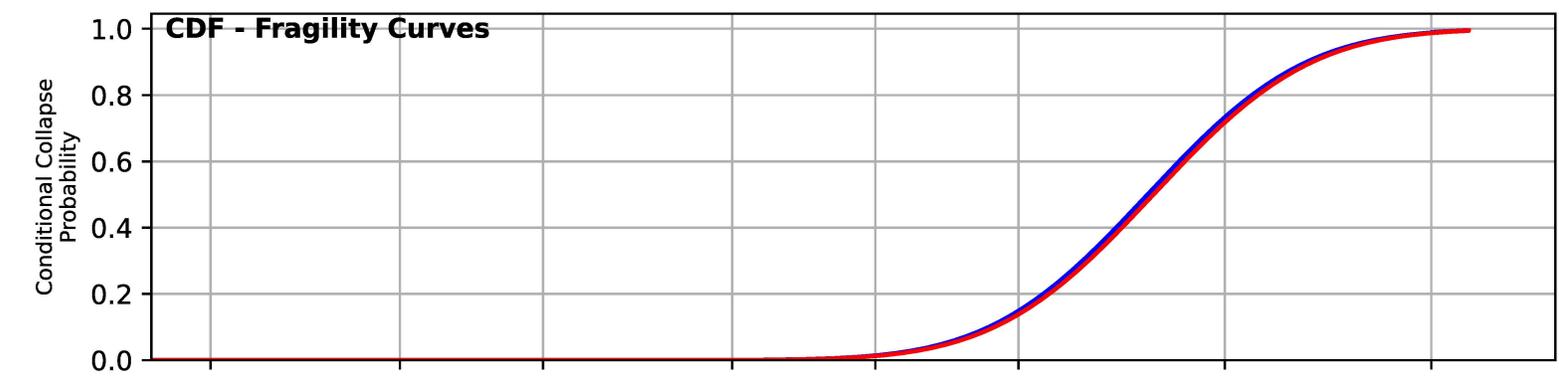
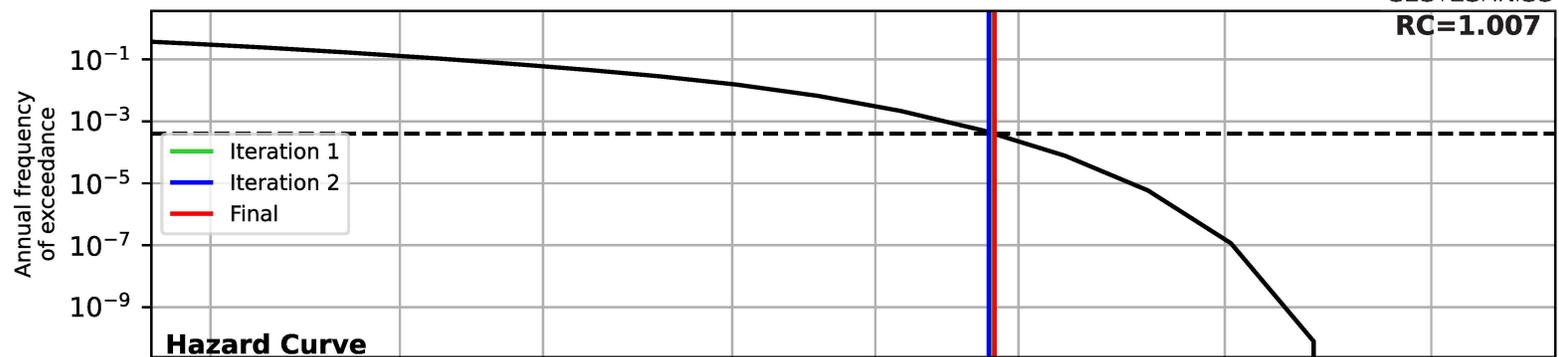
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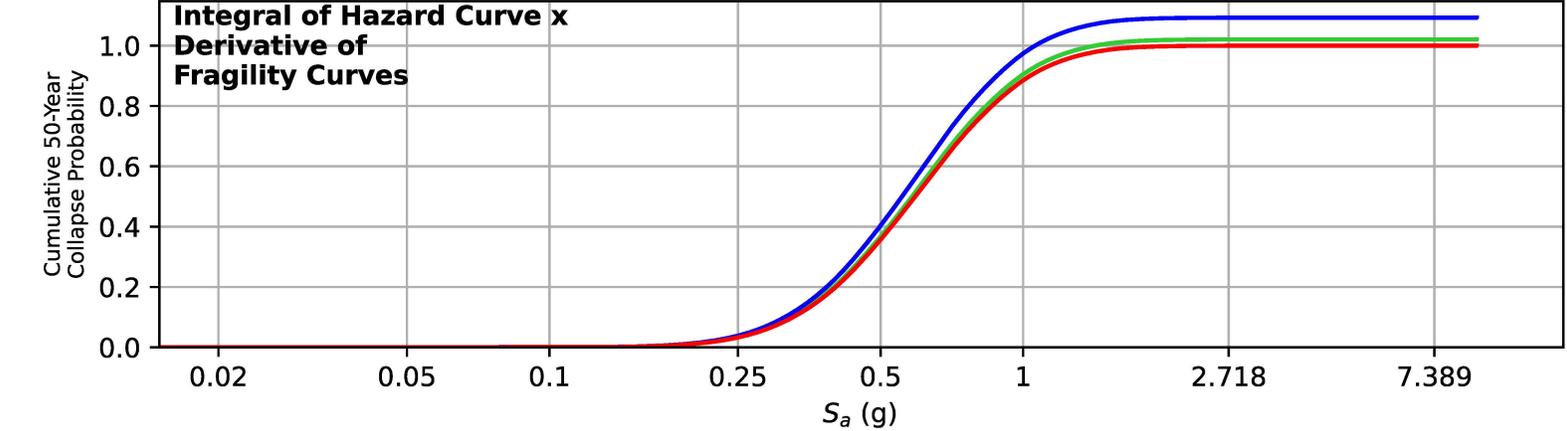
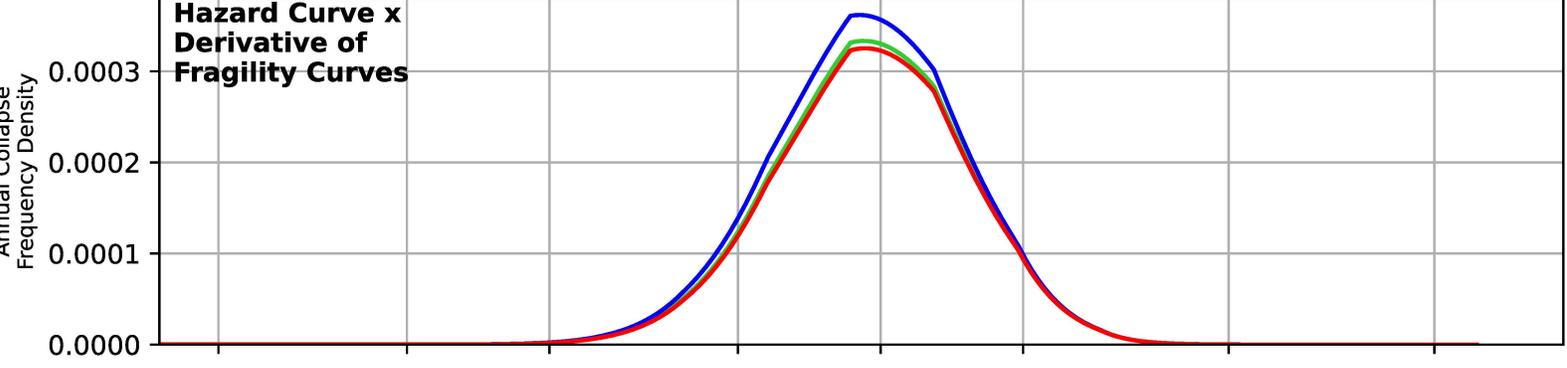
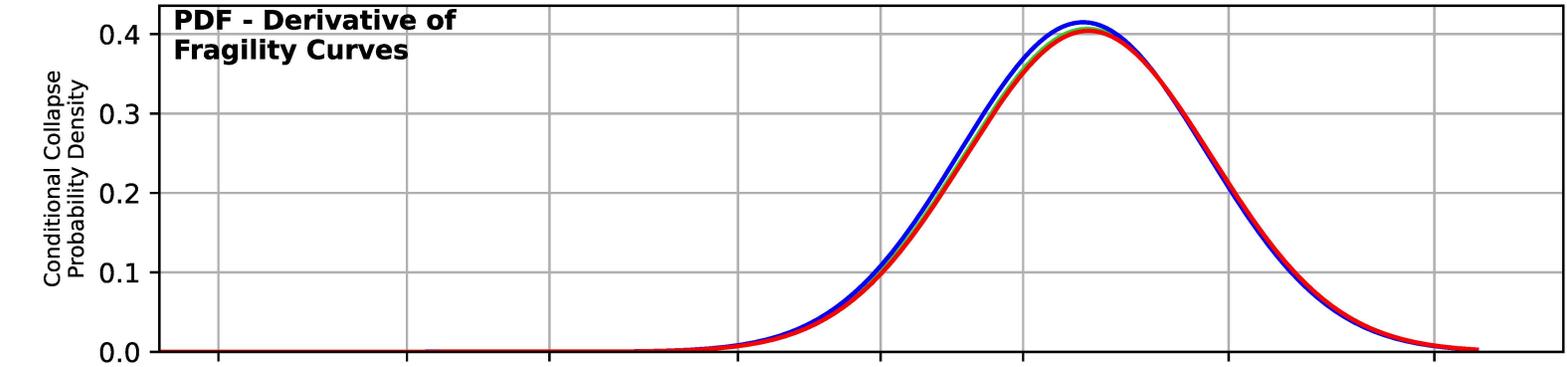
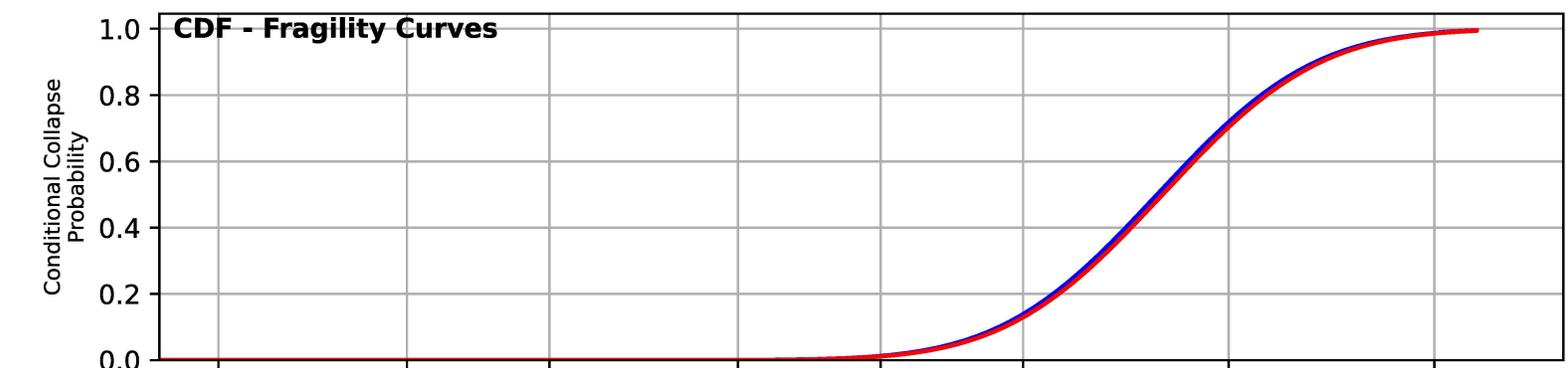
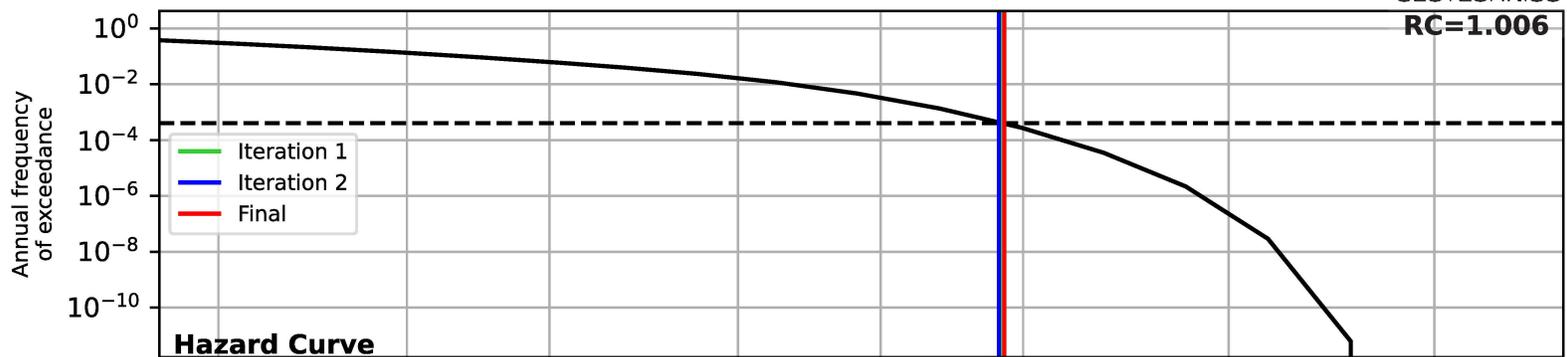
0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

S_a (g)

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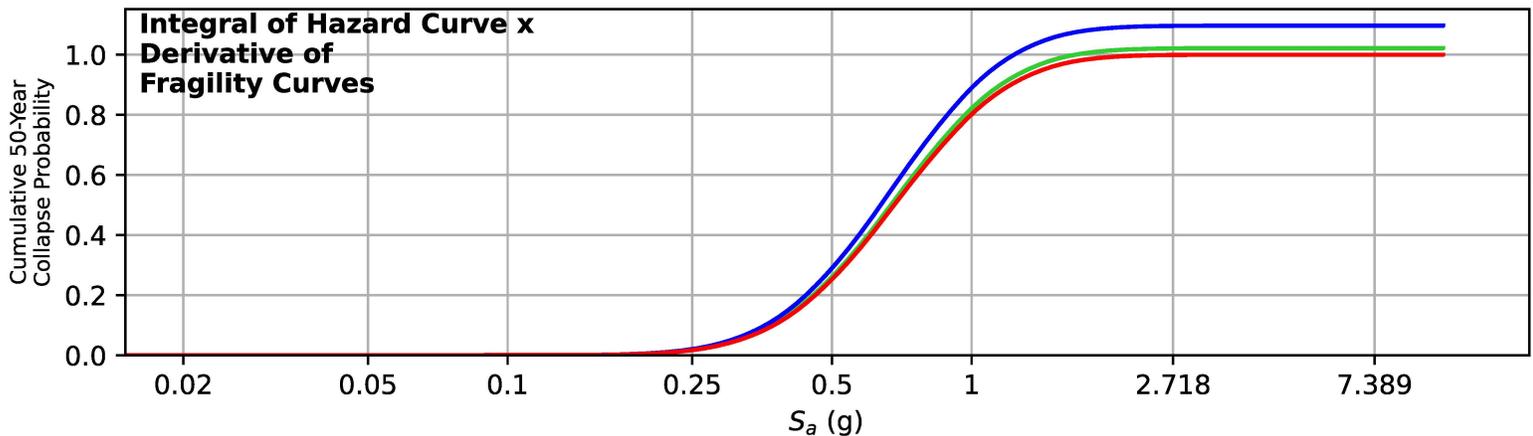
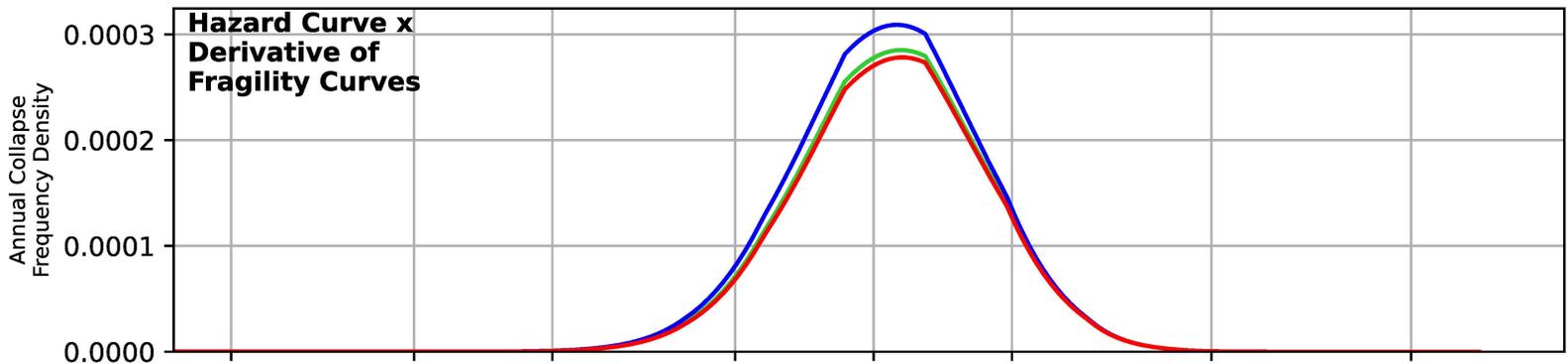
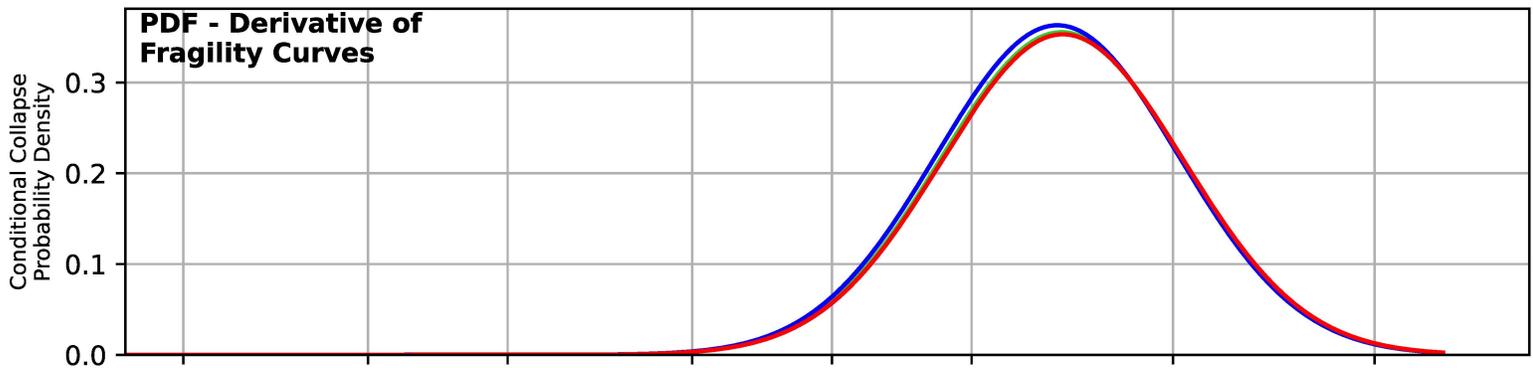
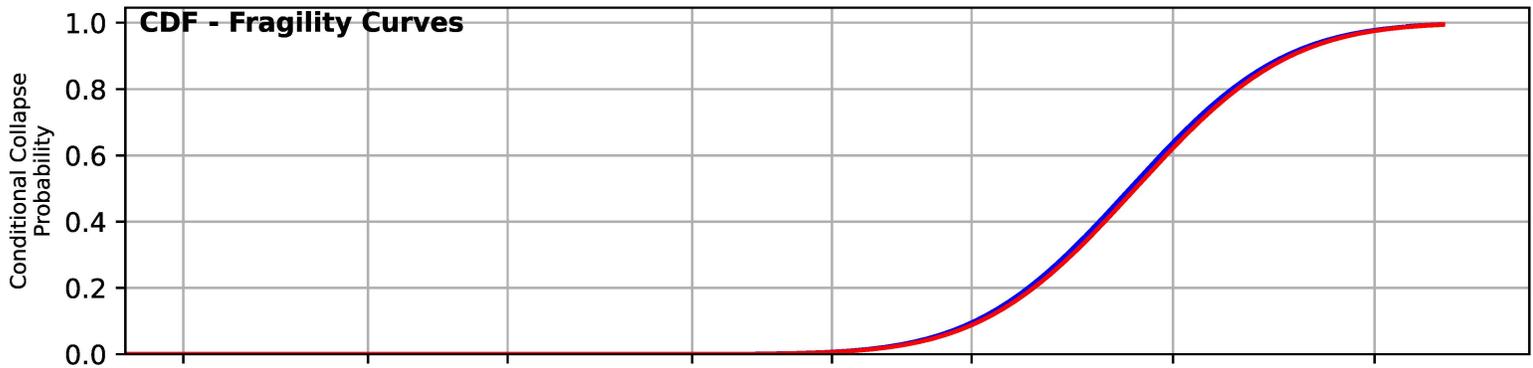
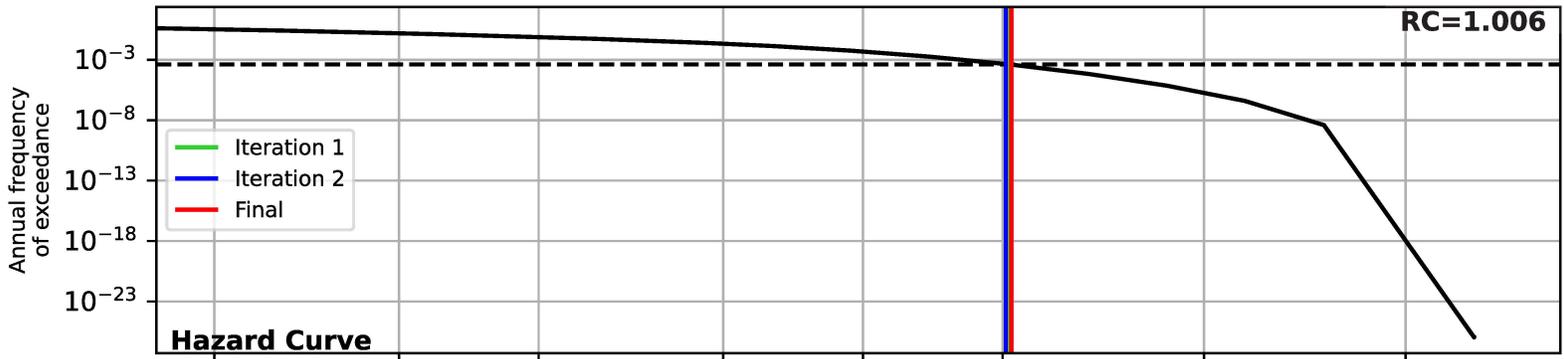


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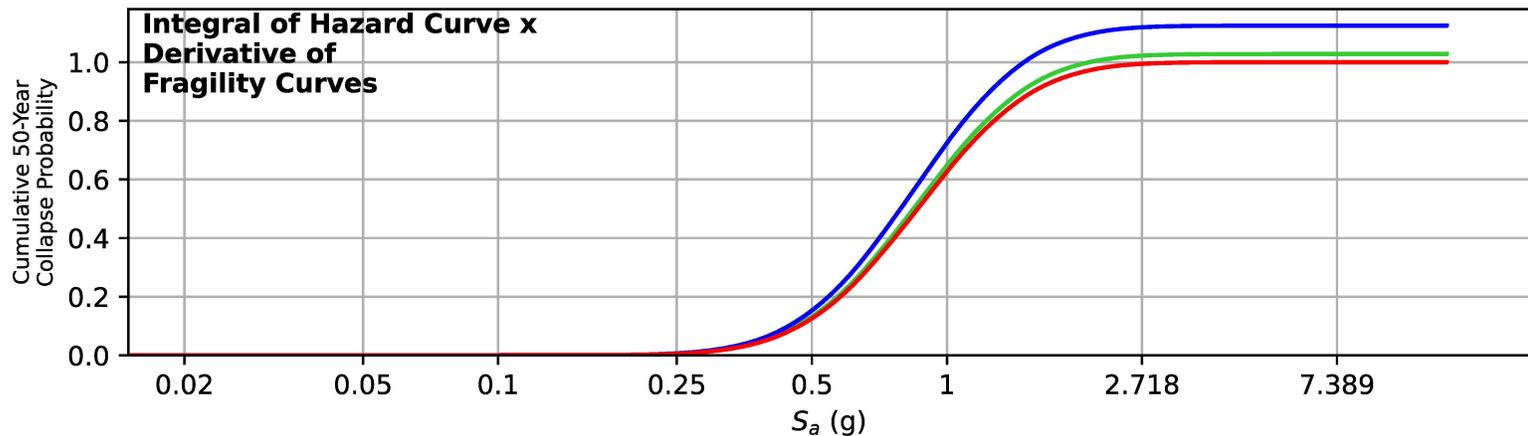
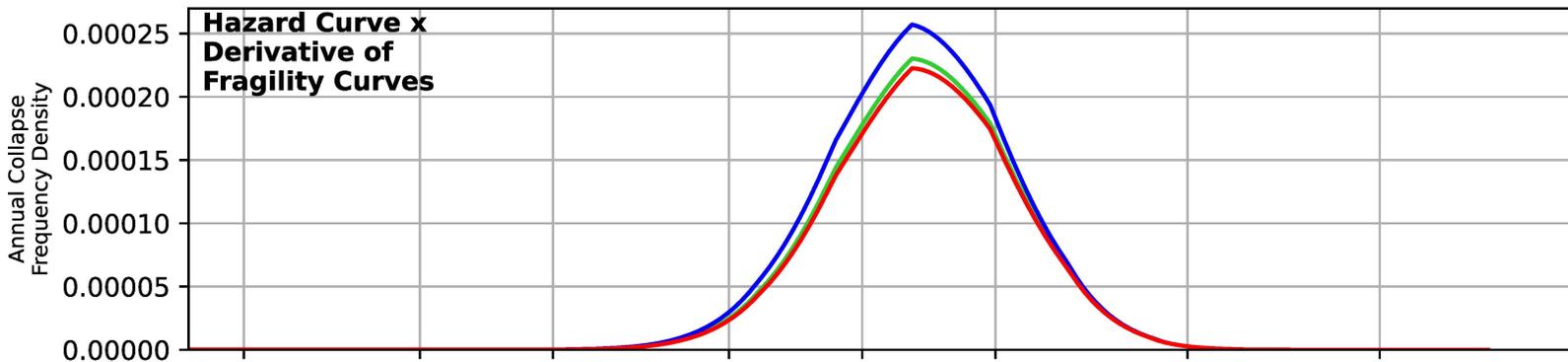
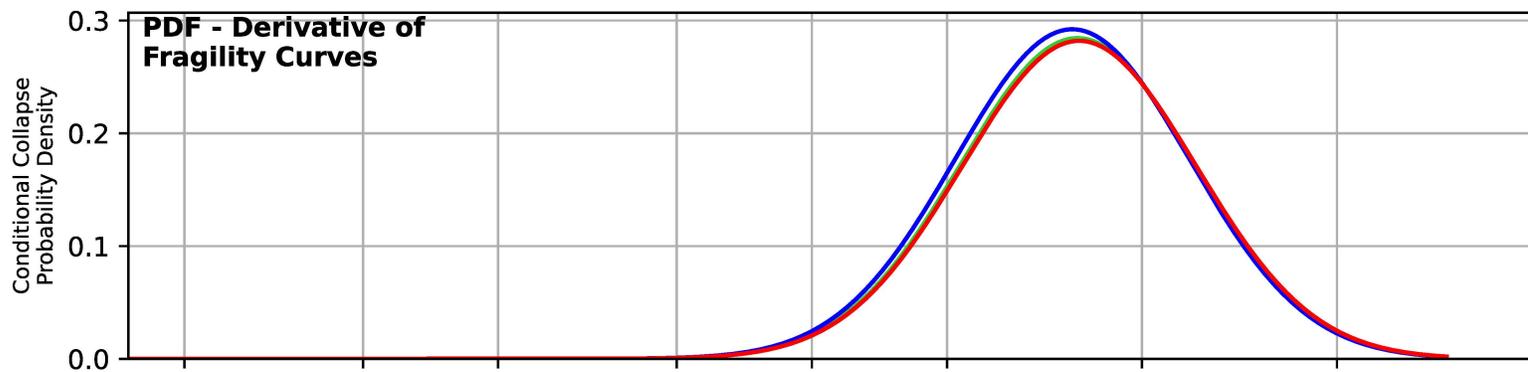
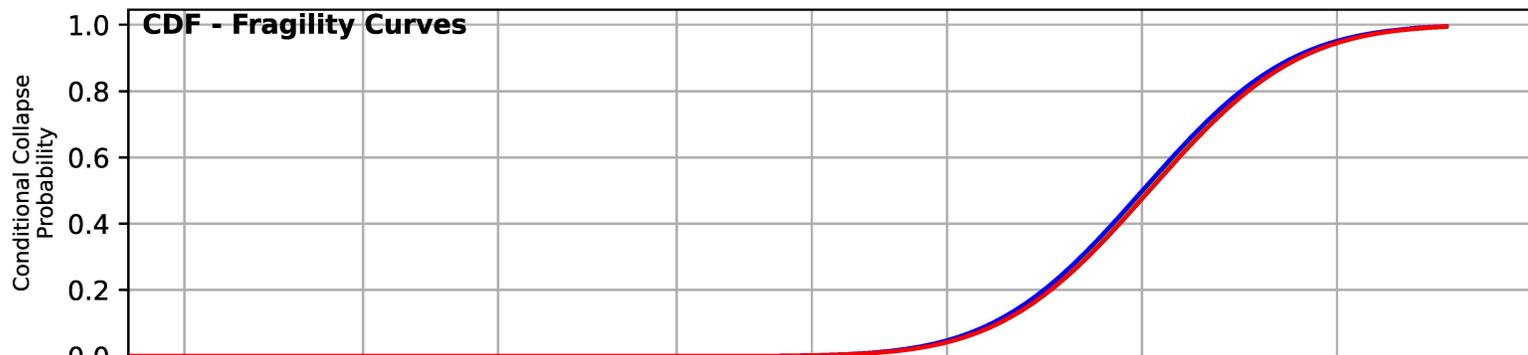
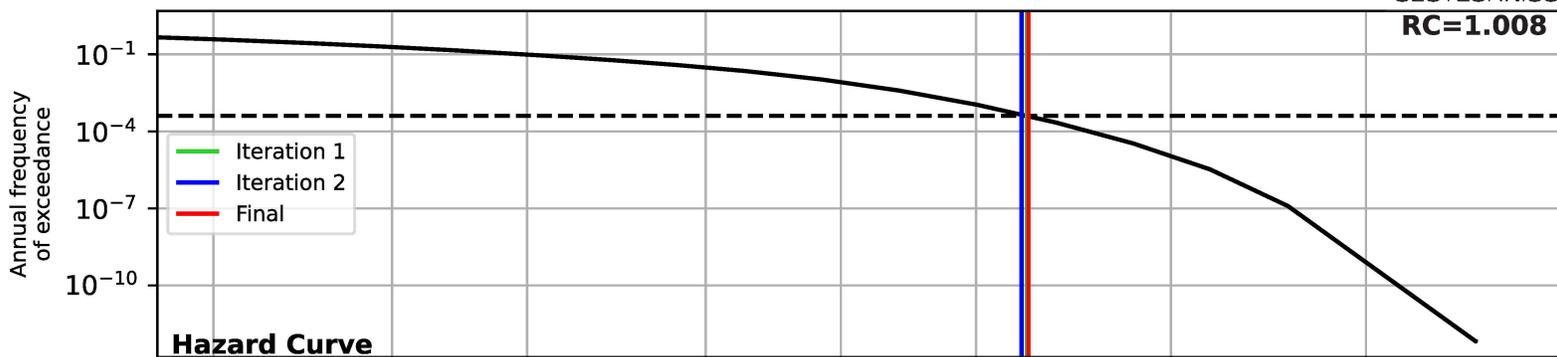


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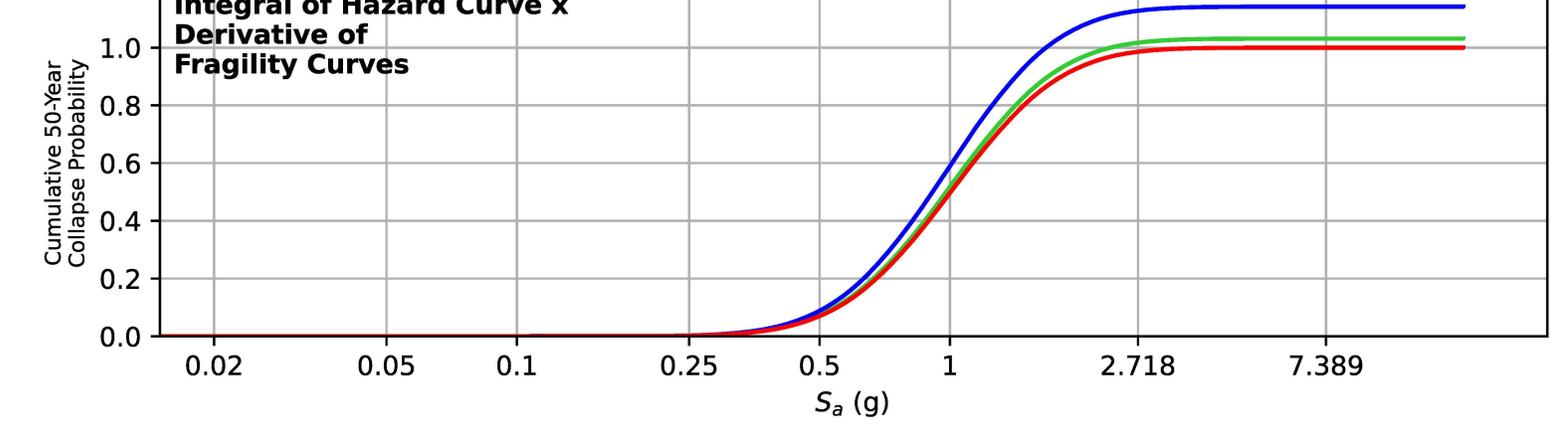
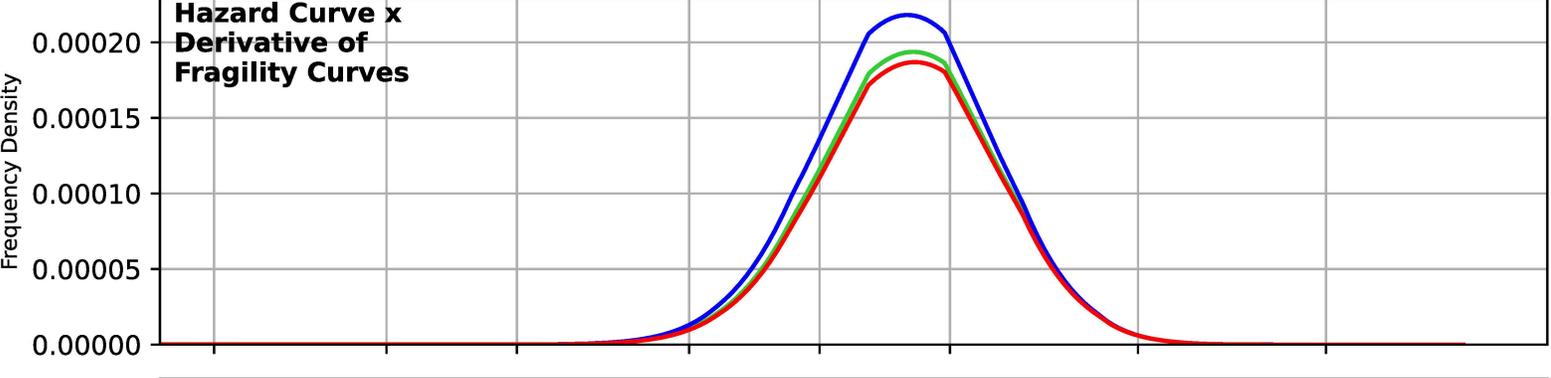
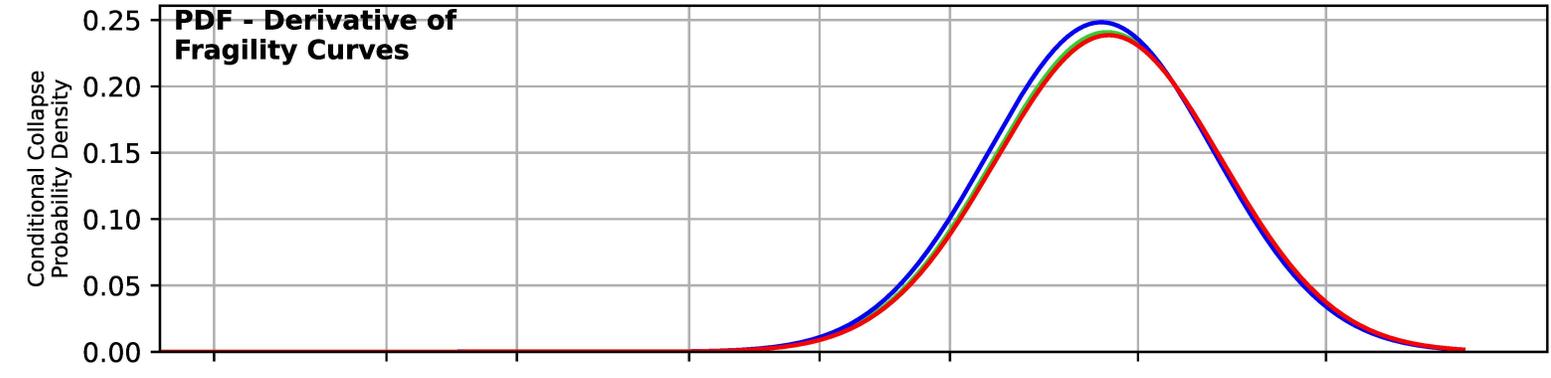
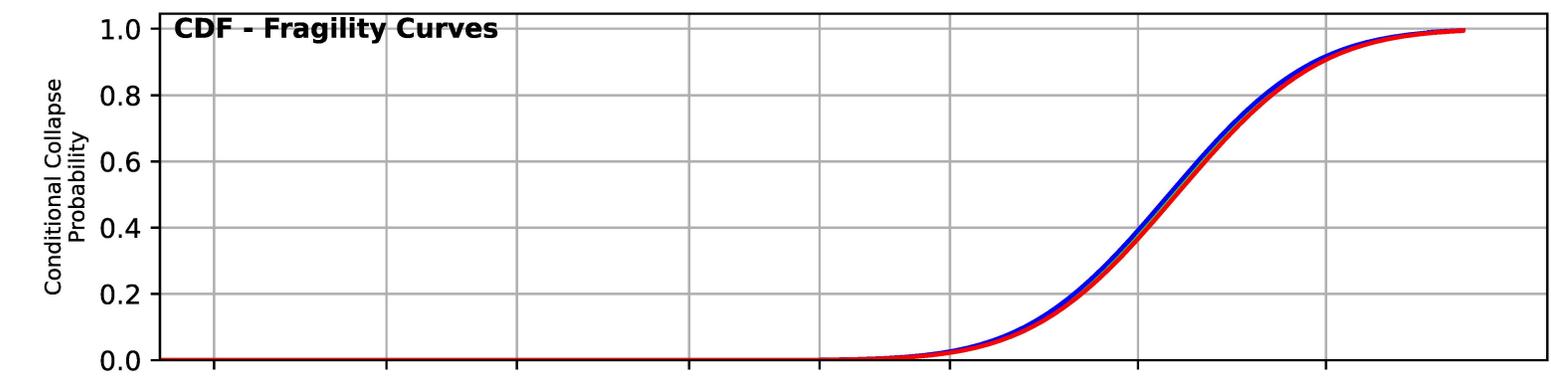
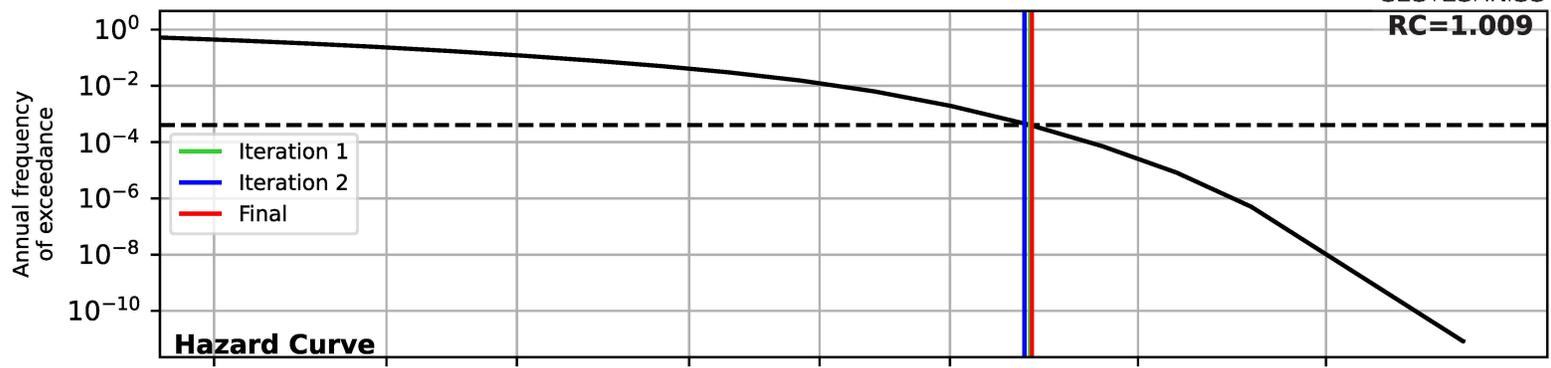
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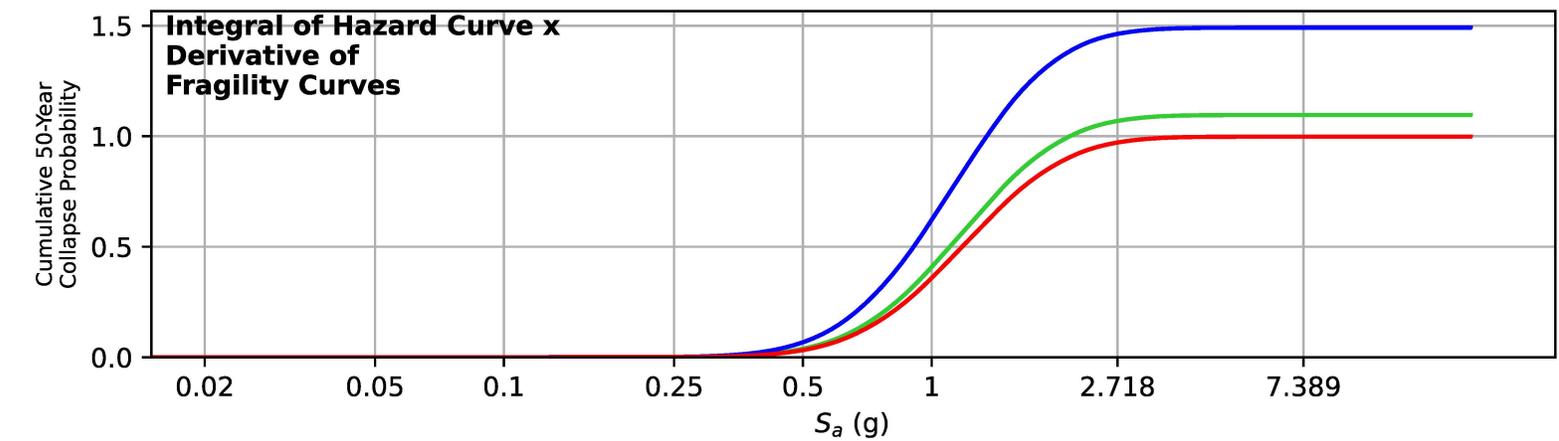
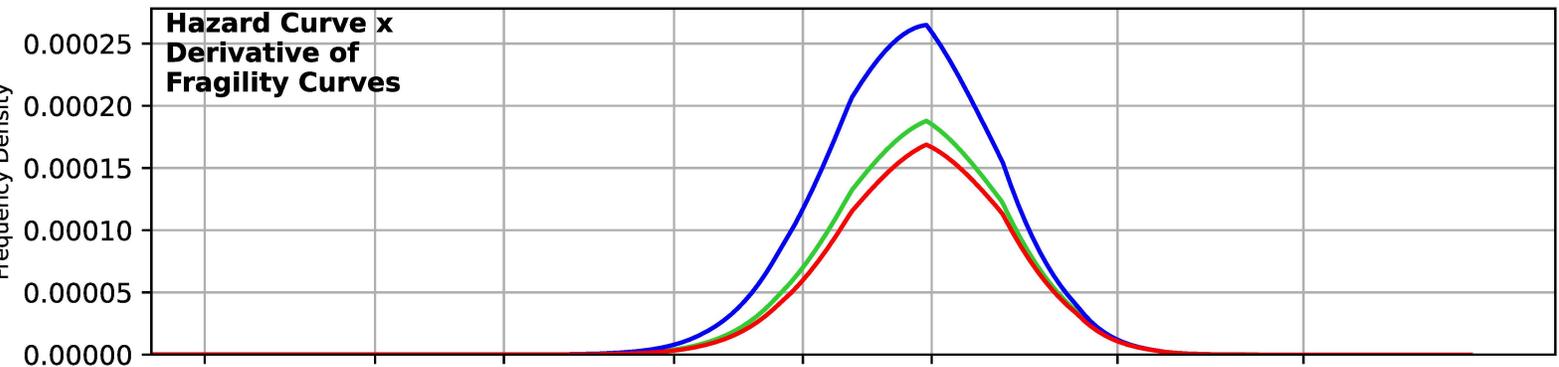
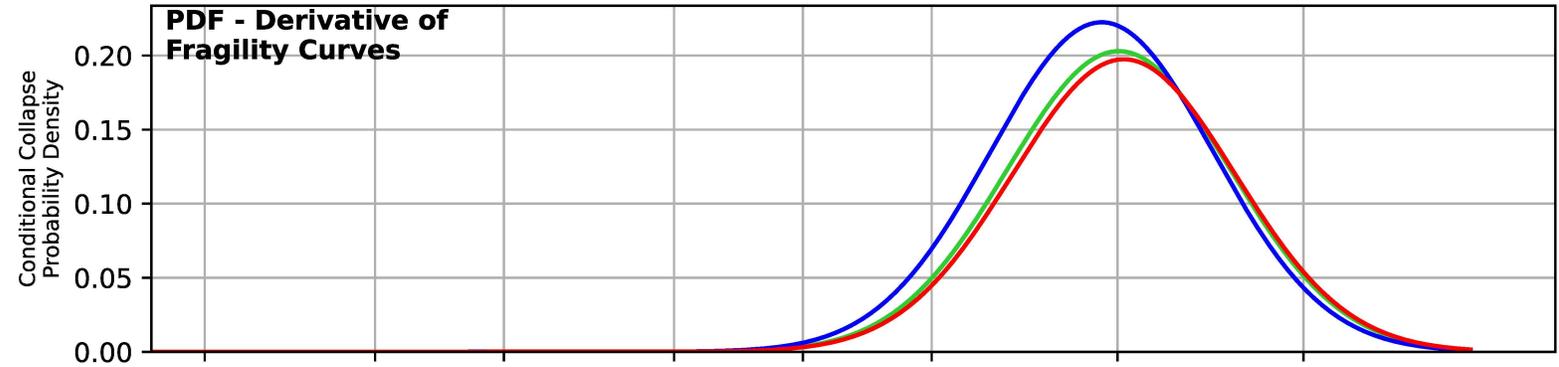
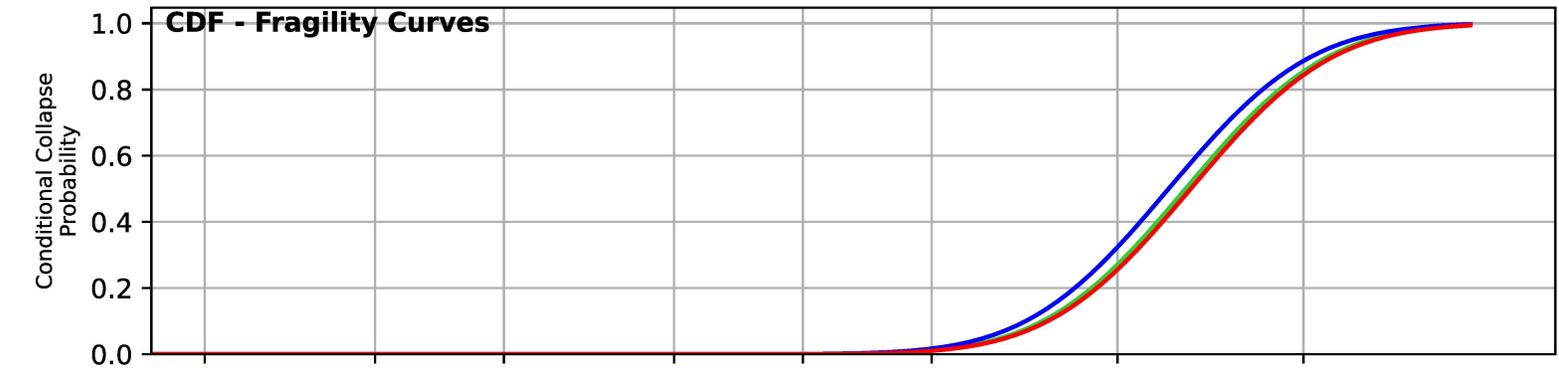
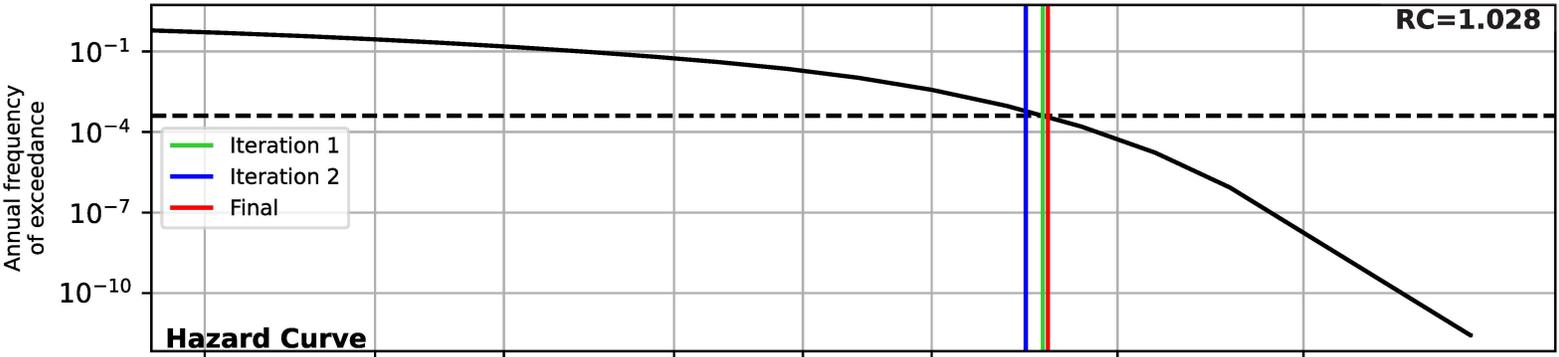
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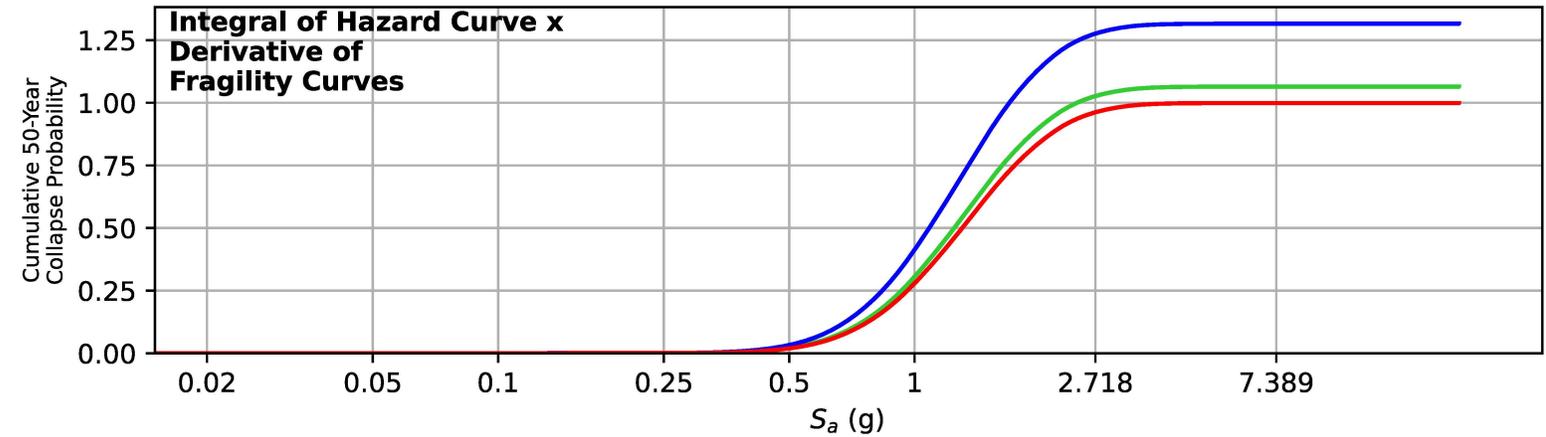
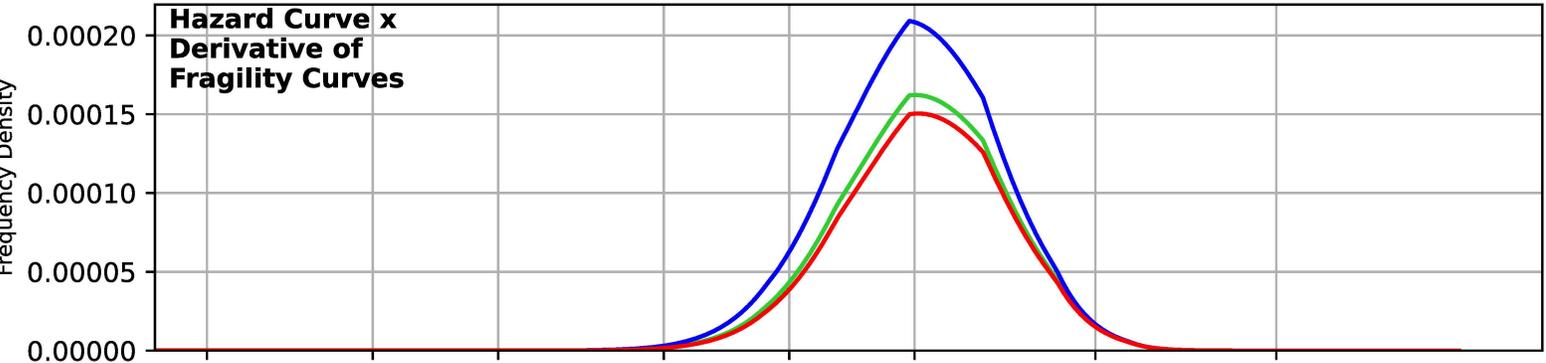
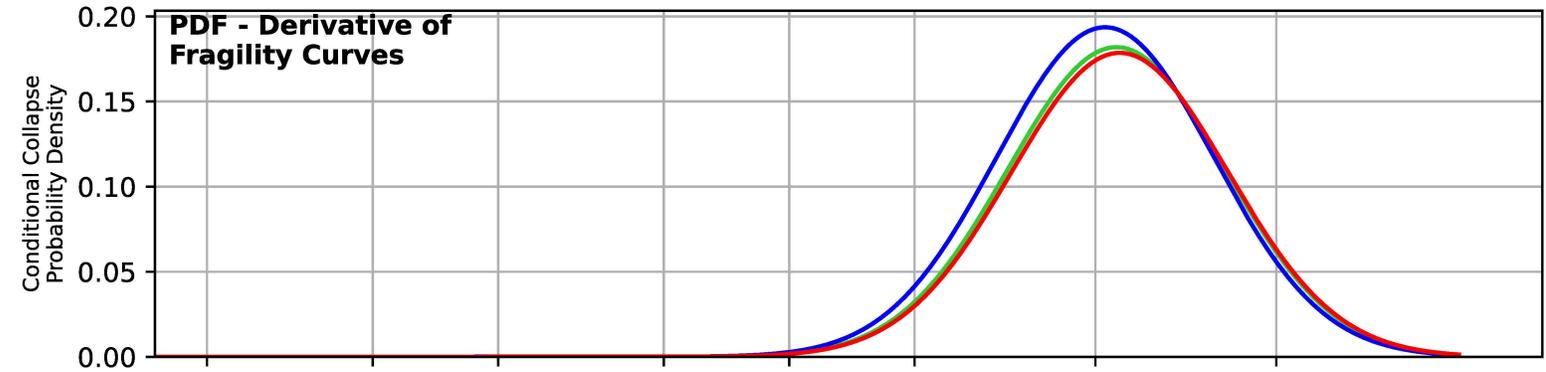
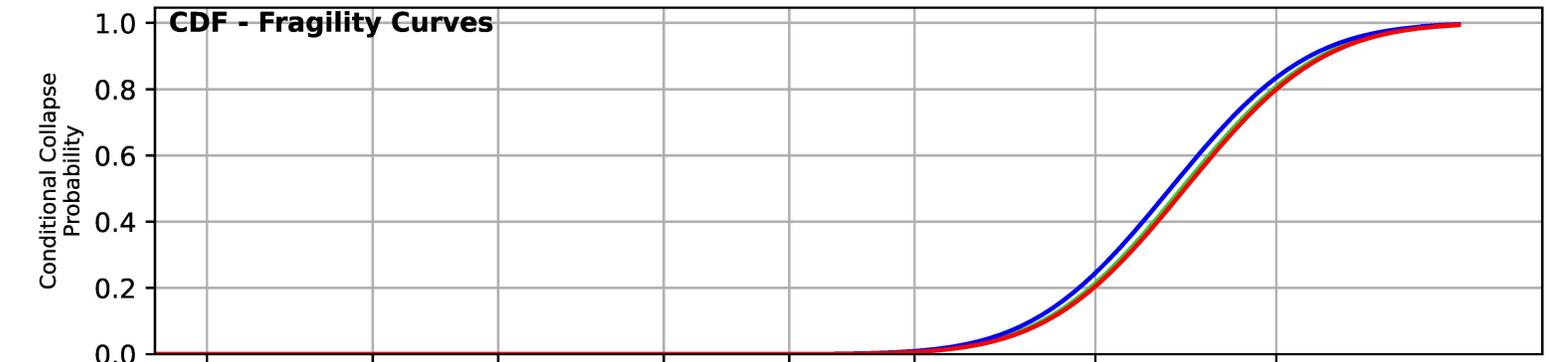
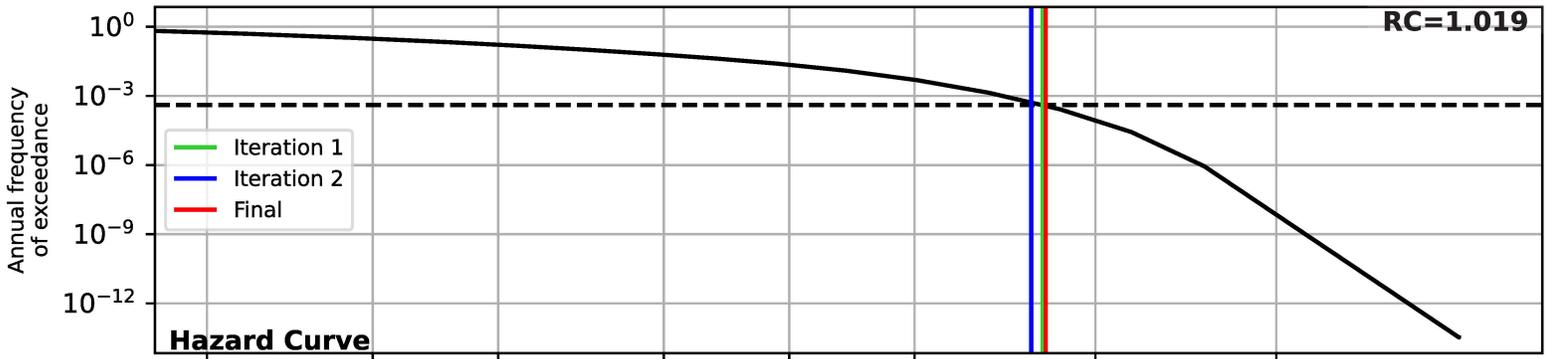
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0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

$S_a \text{ (g)}$

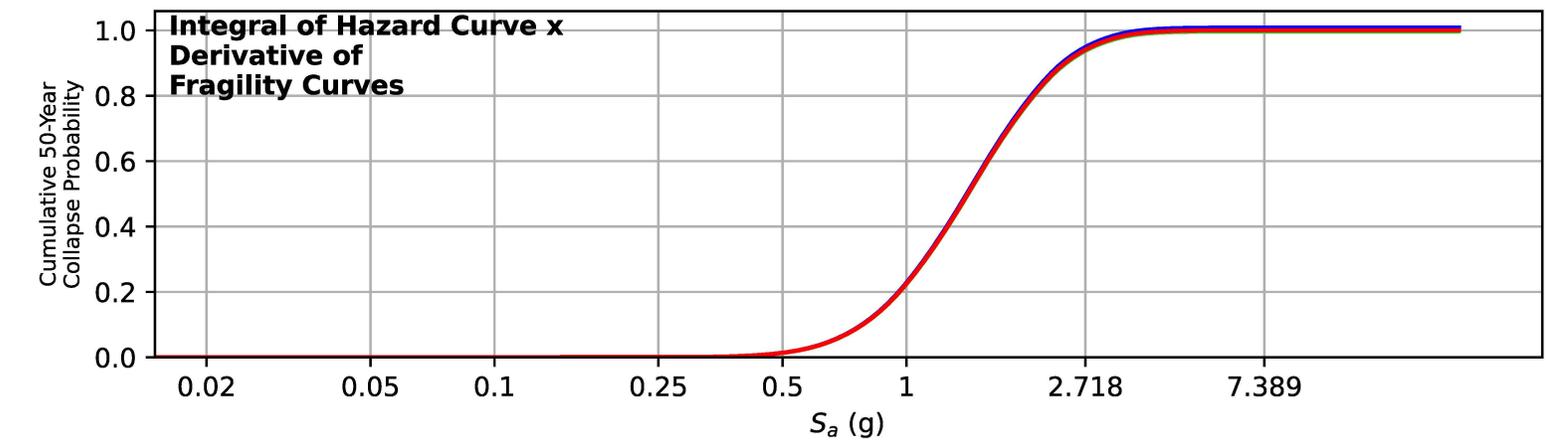
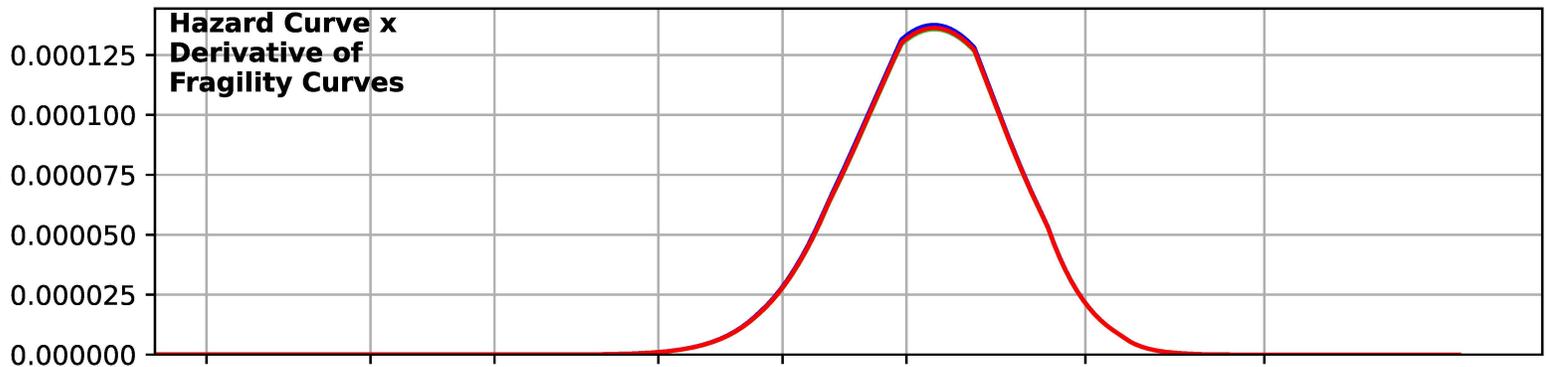
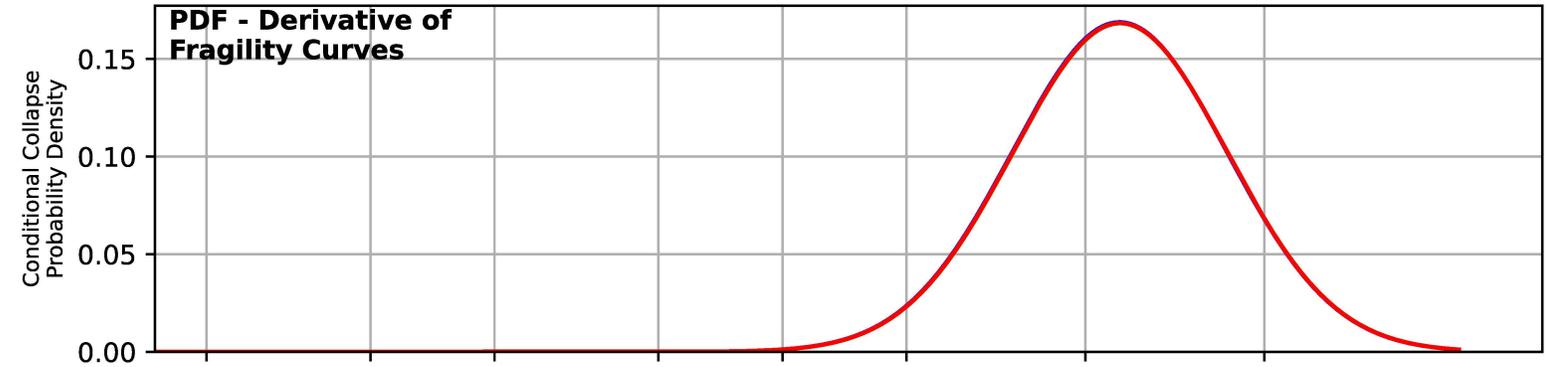
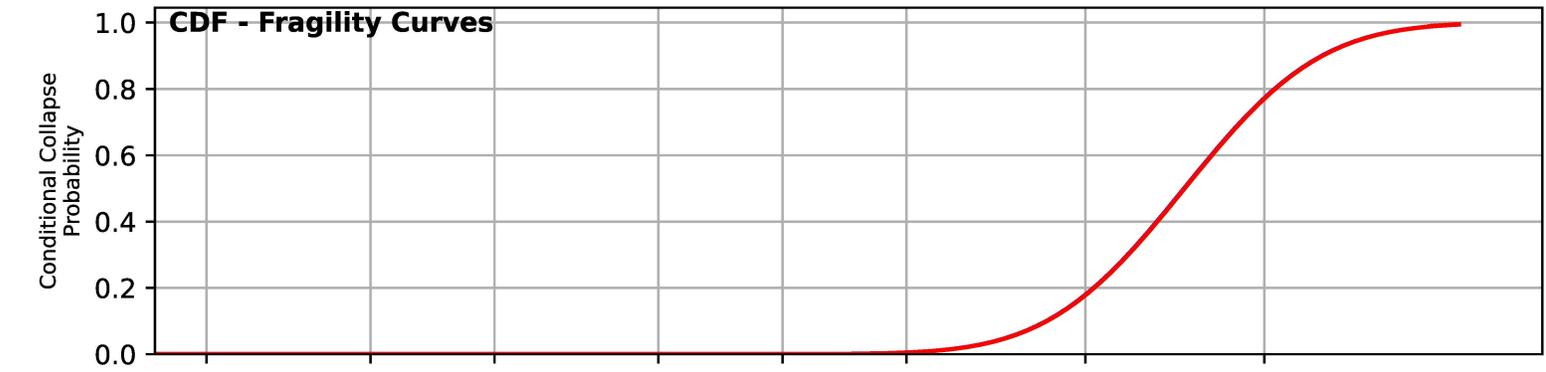
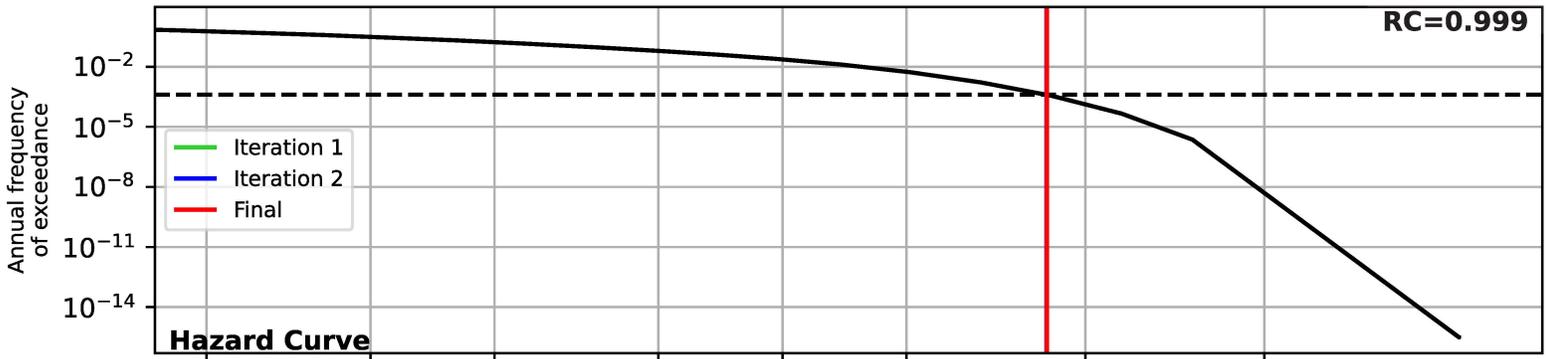
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S_a (g)

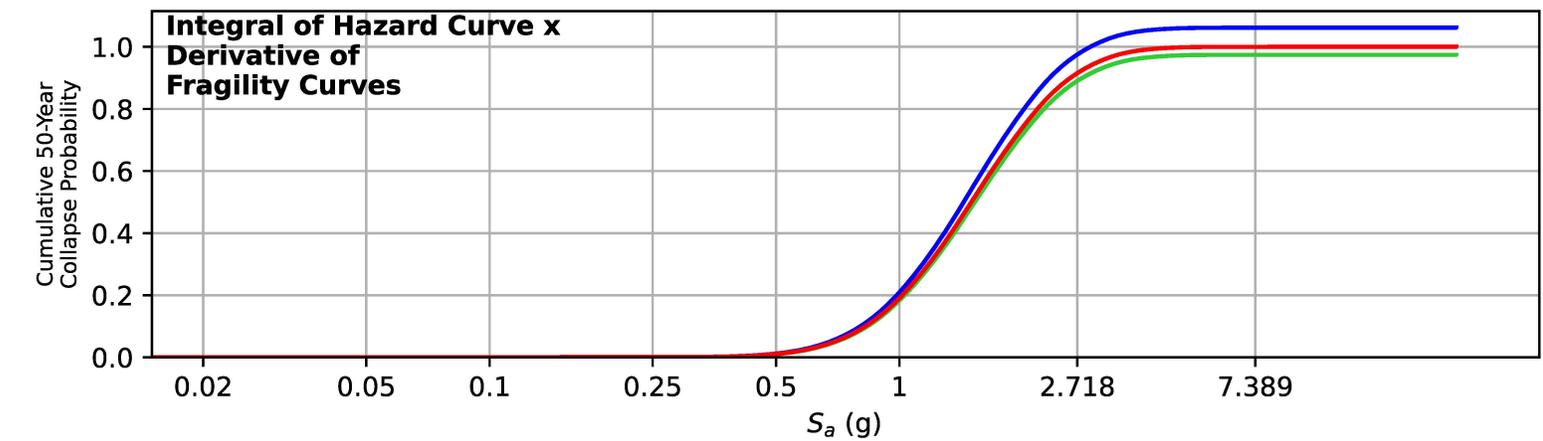
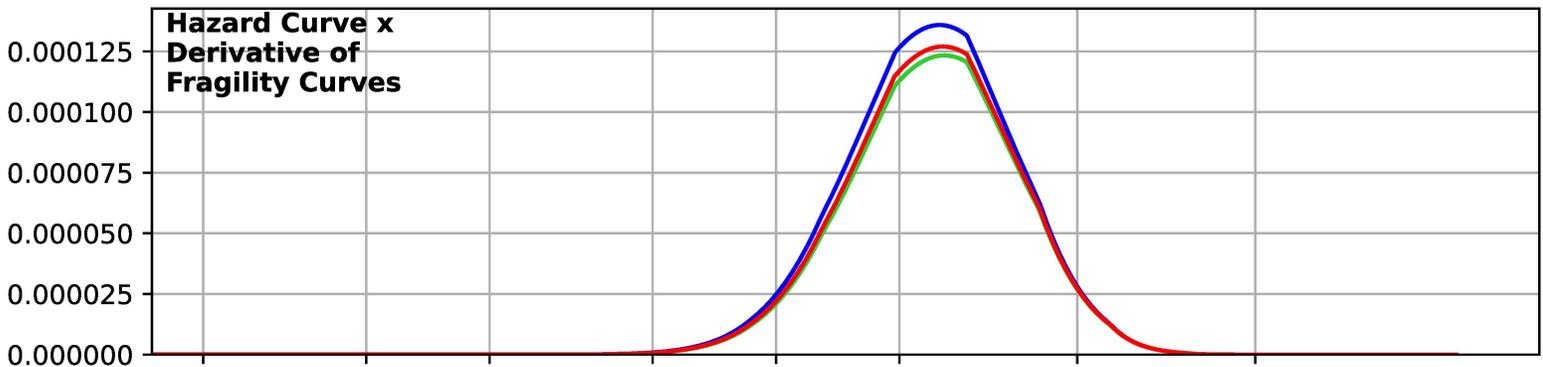
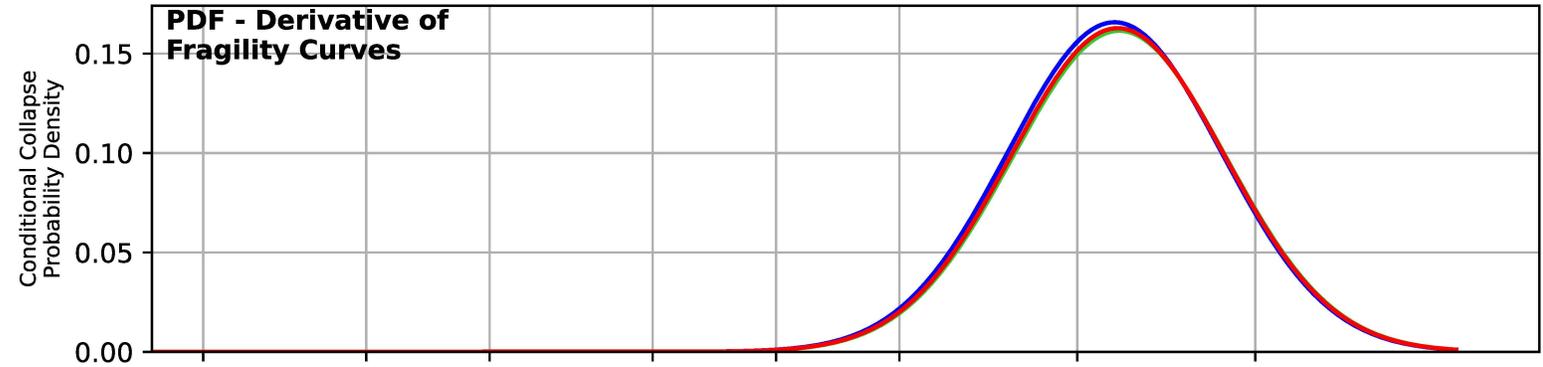
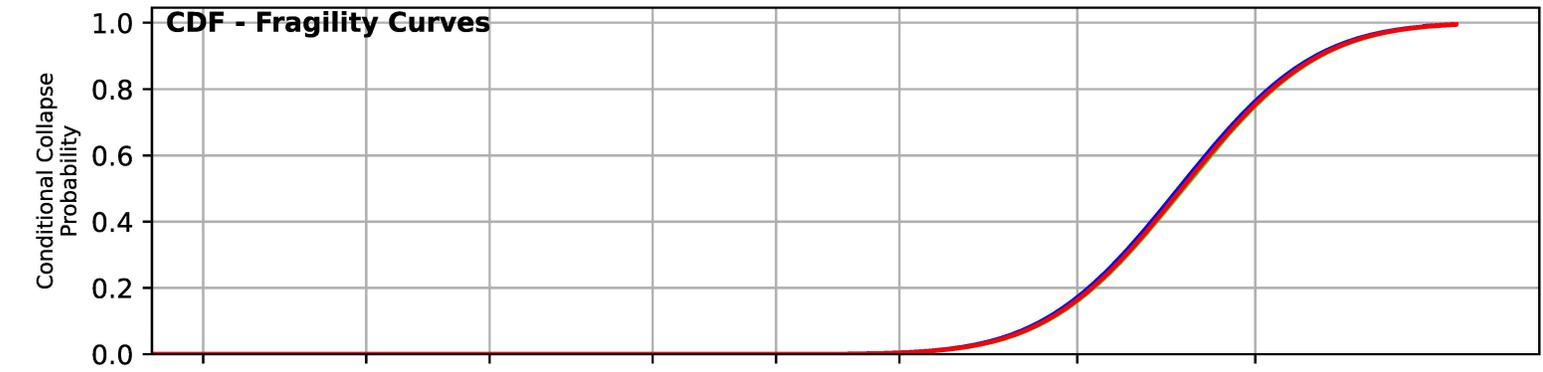
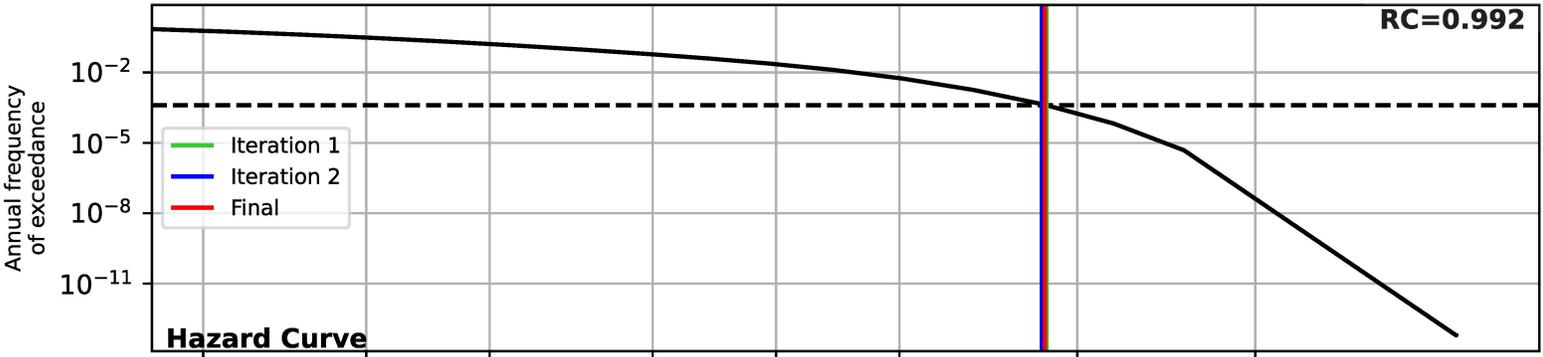
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0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

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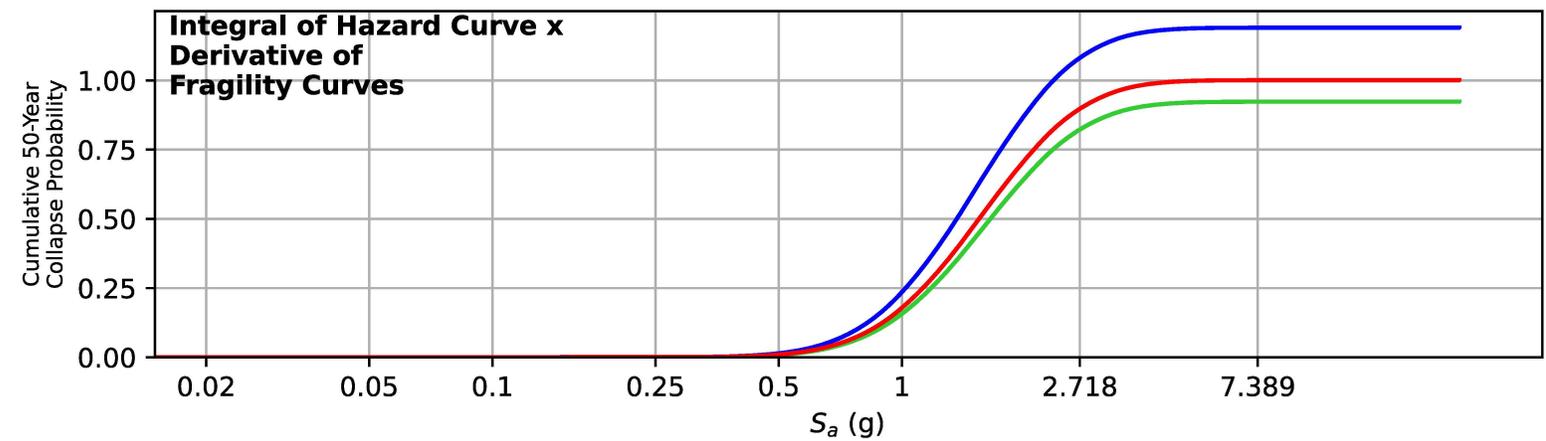
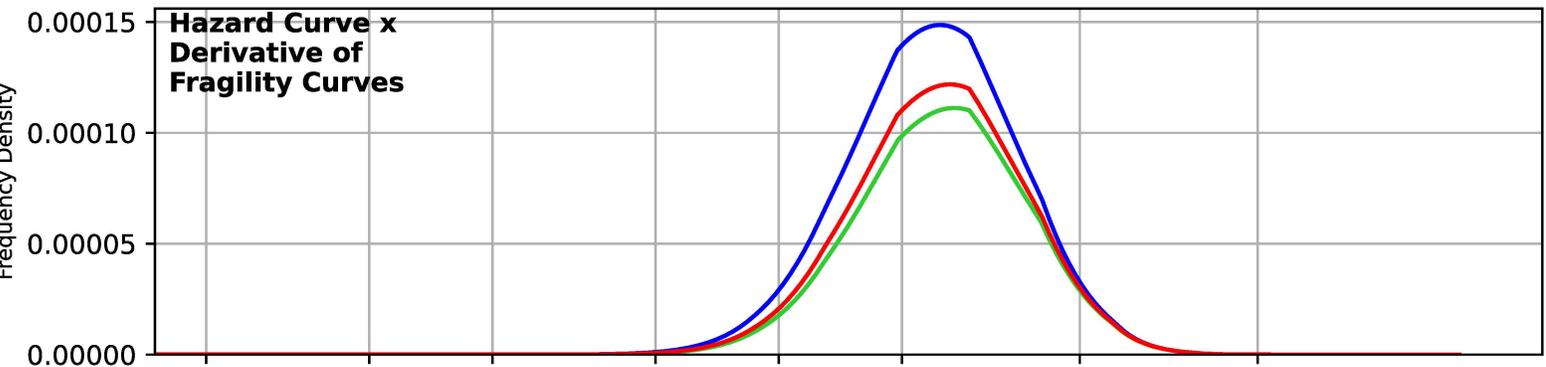
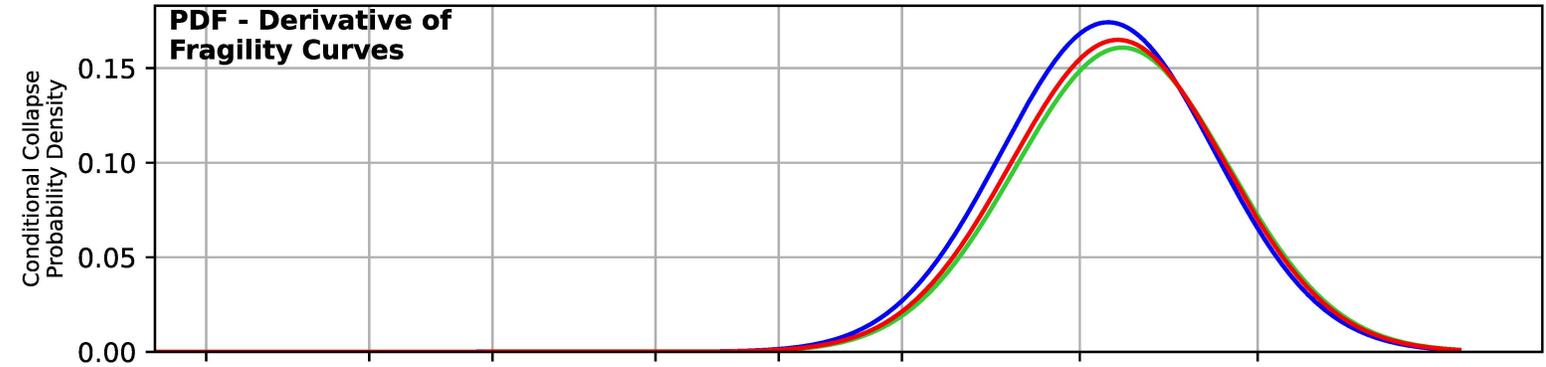
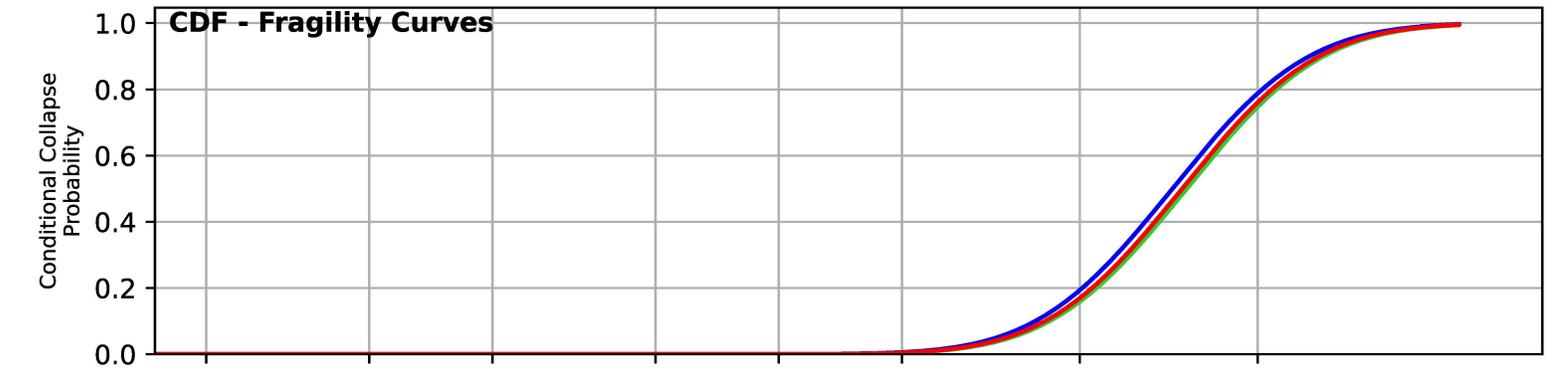
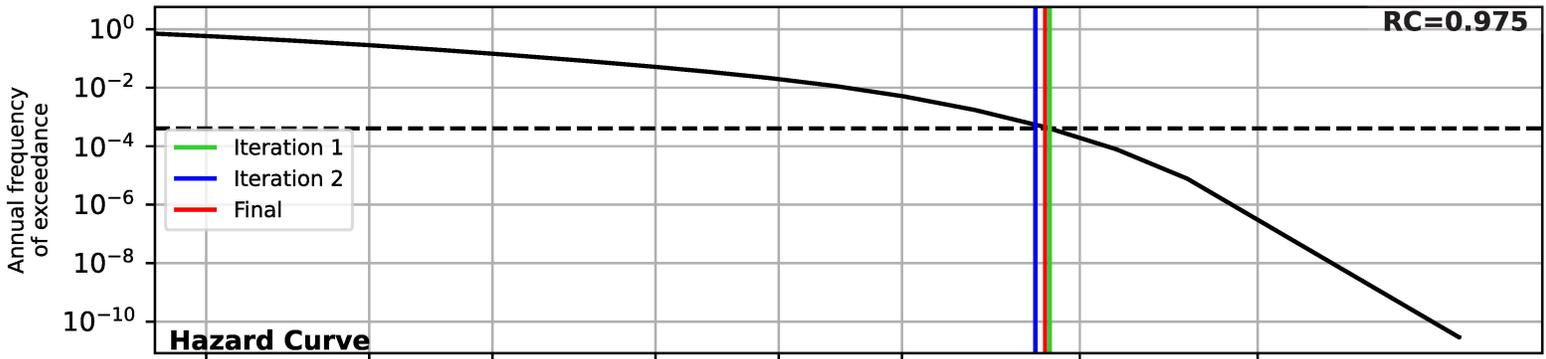
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0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

$S_a \text{ (g)}$

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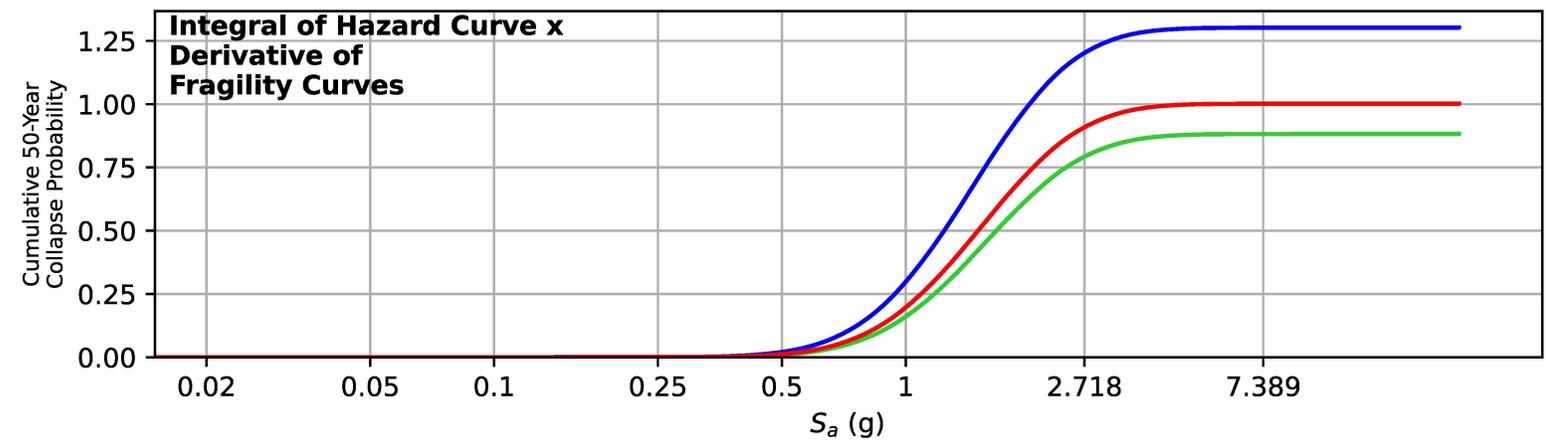
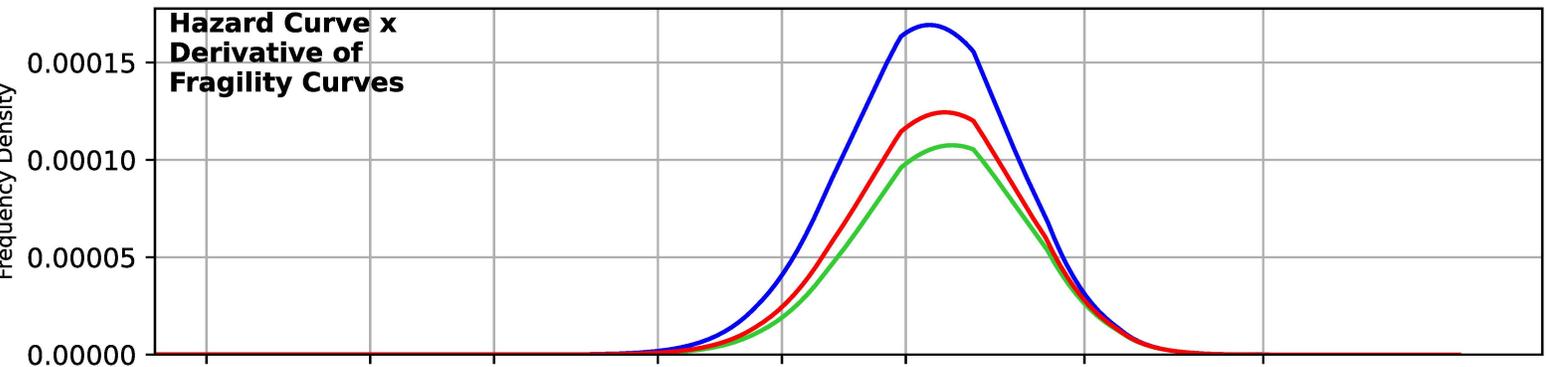
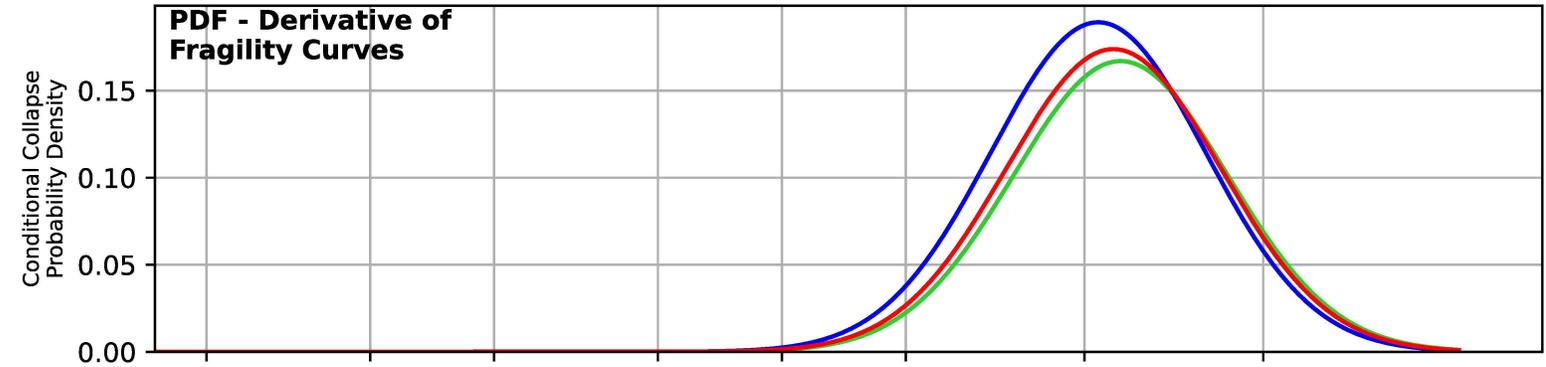
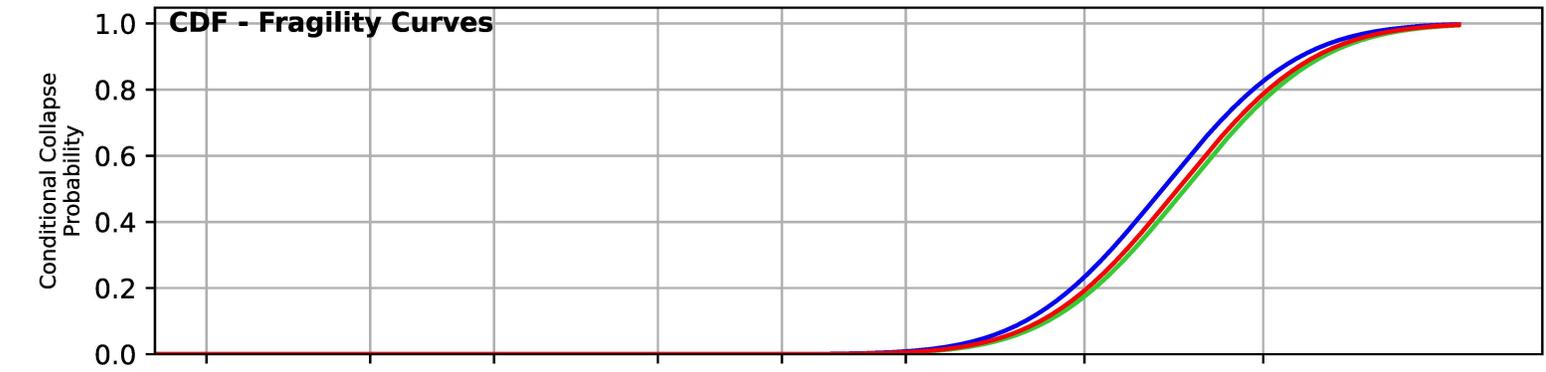
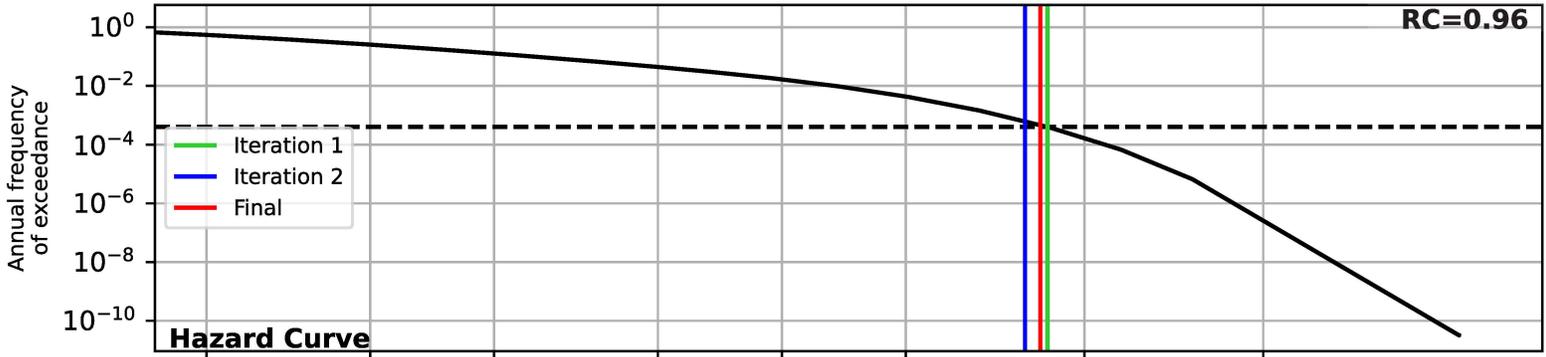


0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

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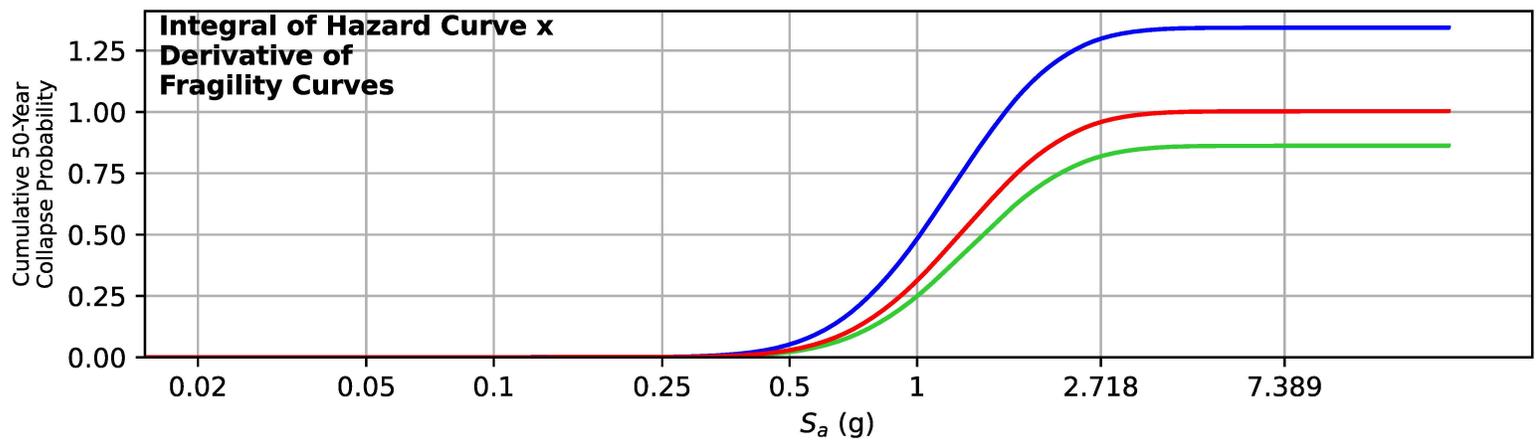
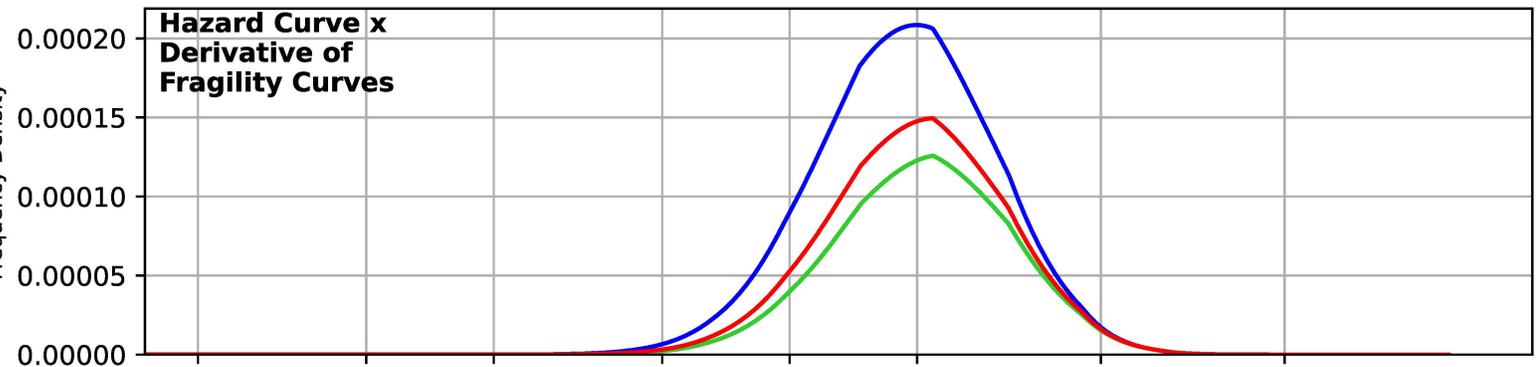
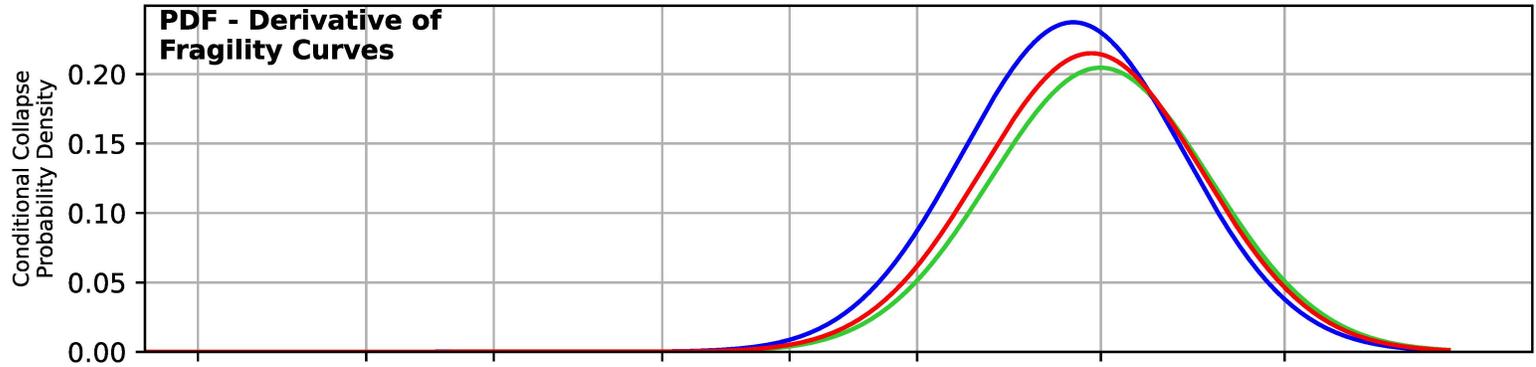
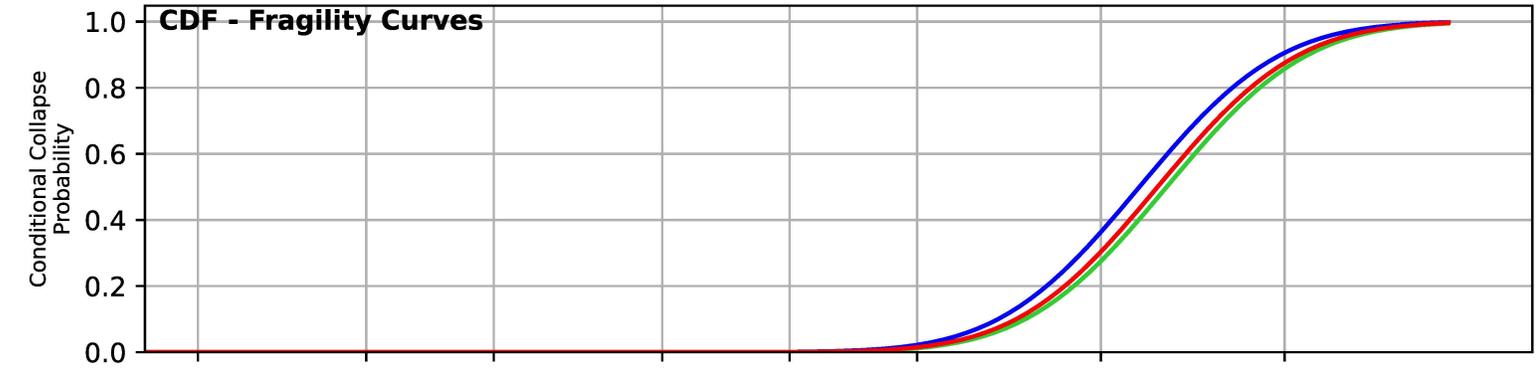
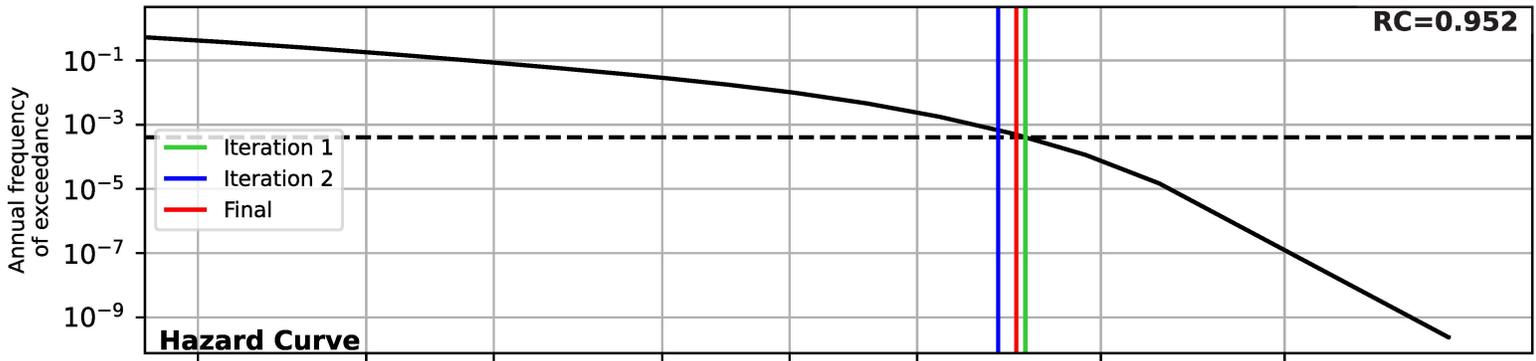
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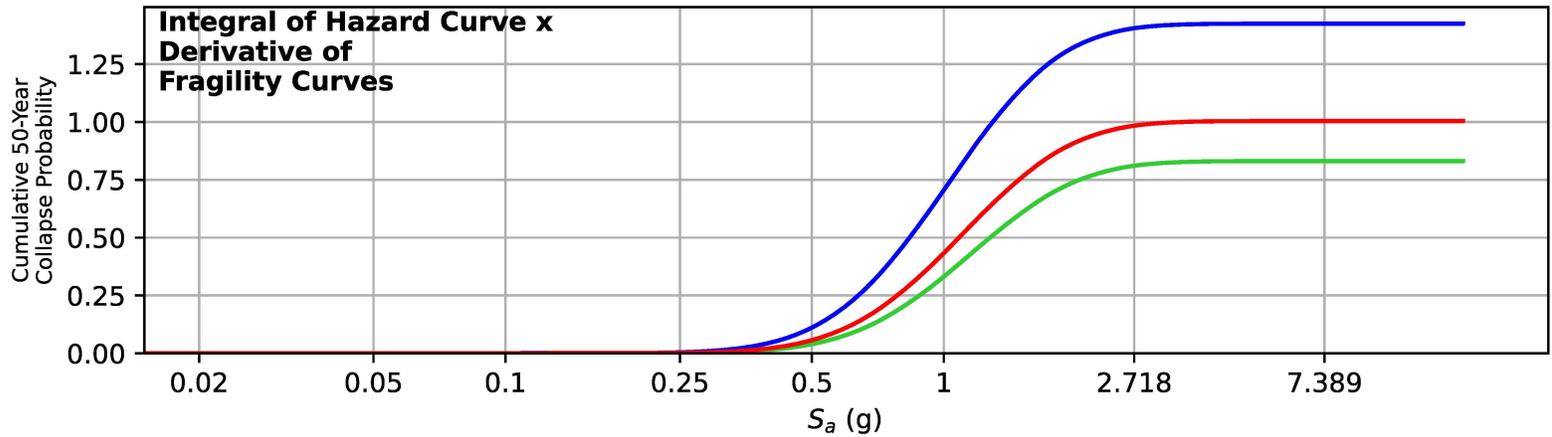
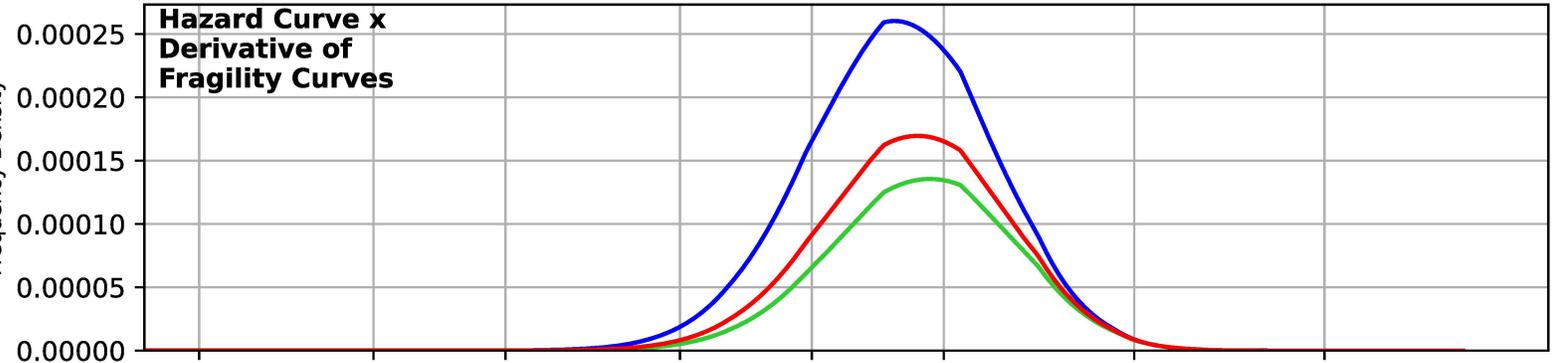
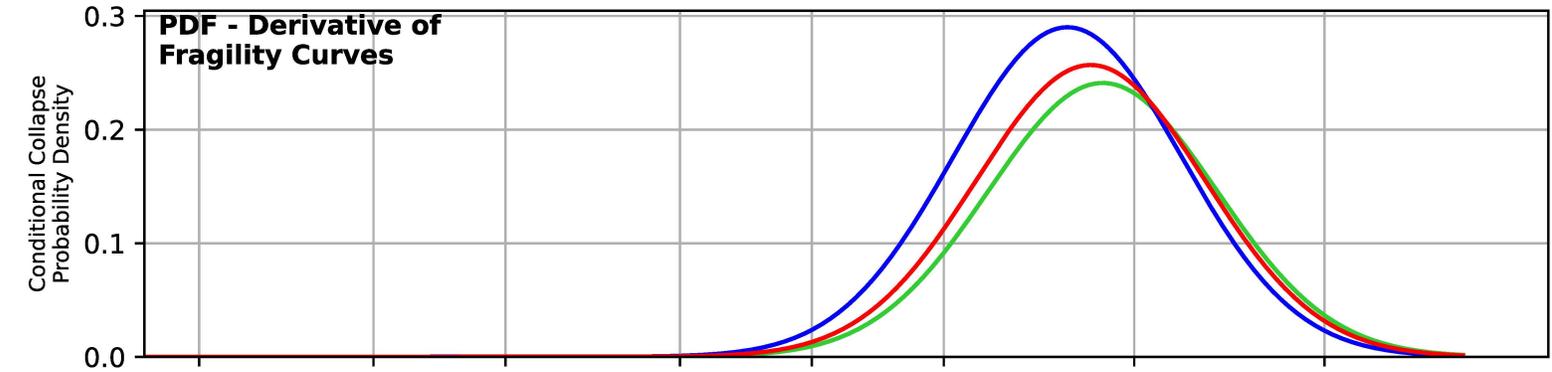
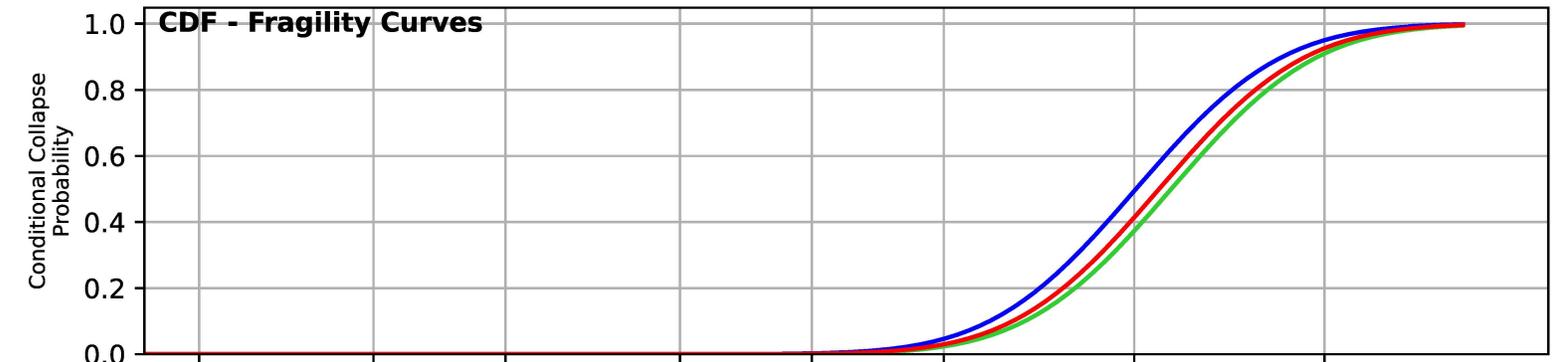
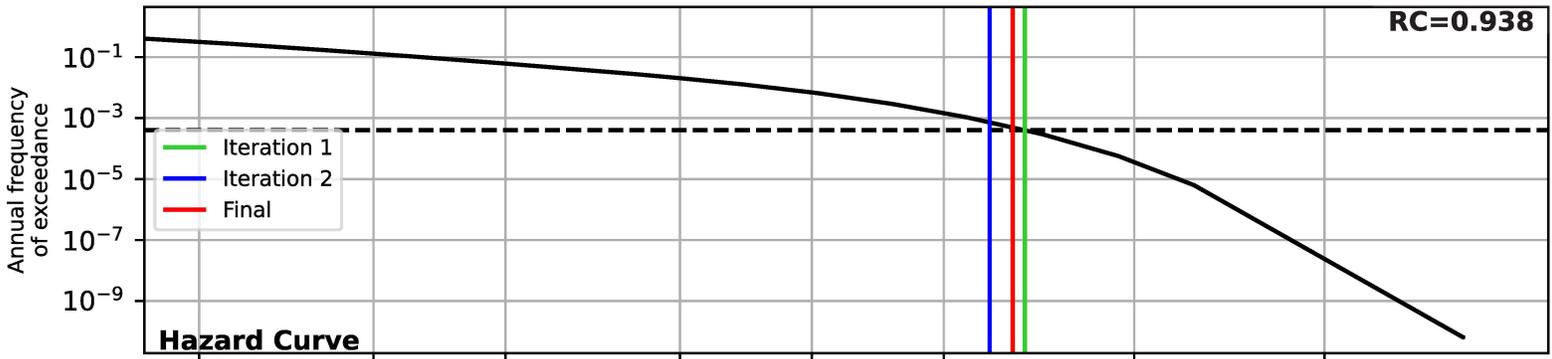


0.02 0.05 0.1 0.25 0.5 1 2.718 7.389 S_a (g)

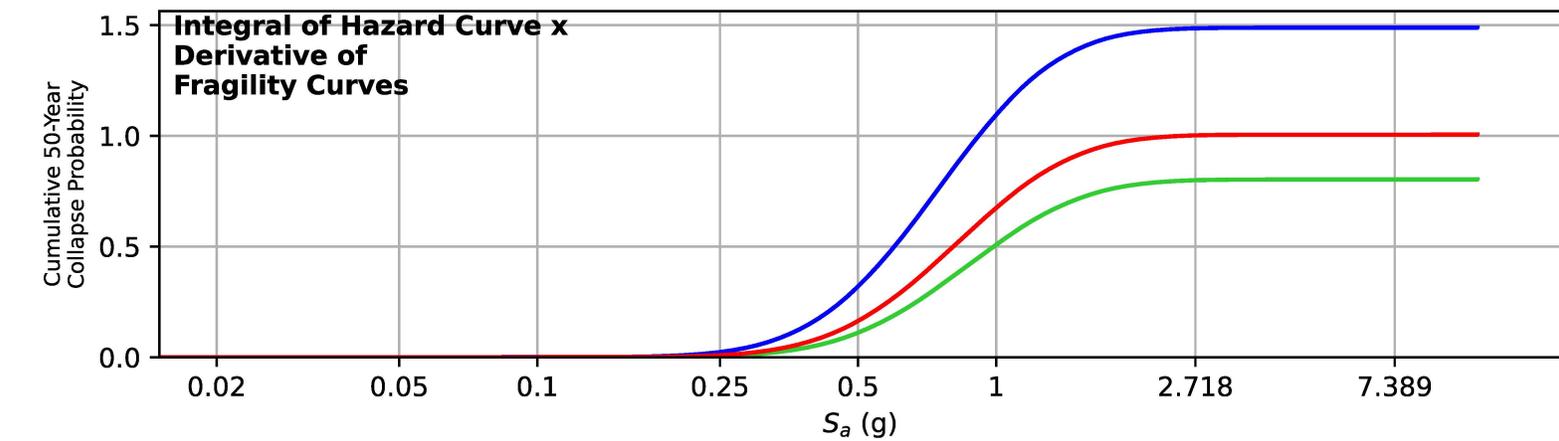
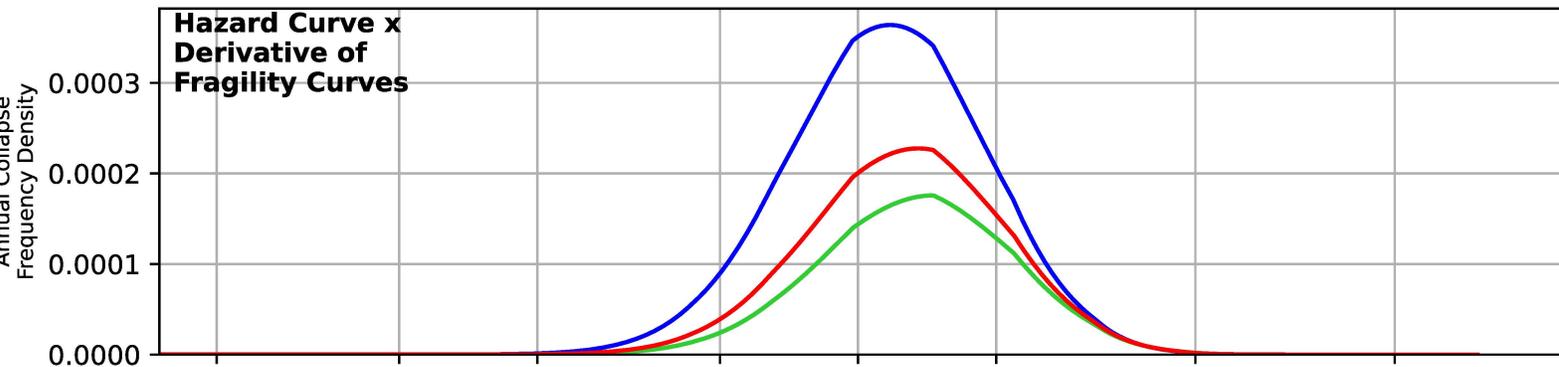
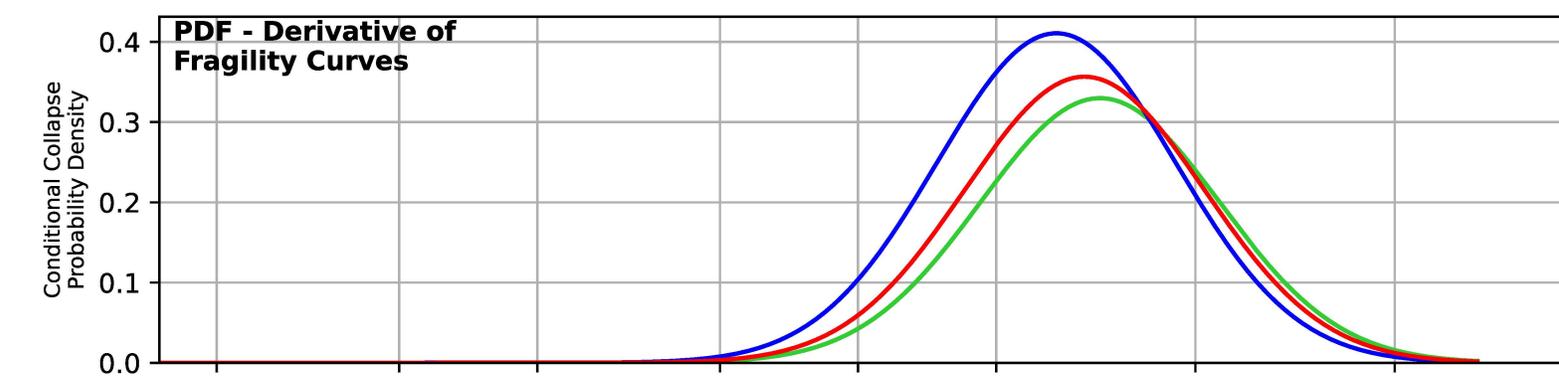
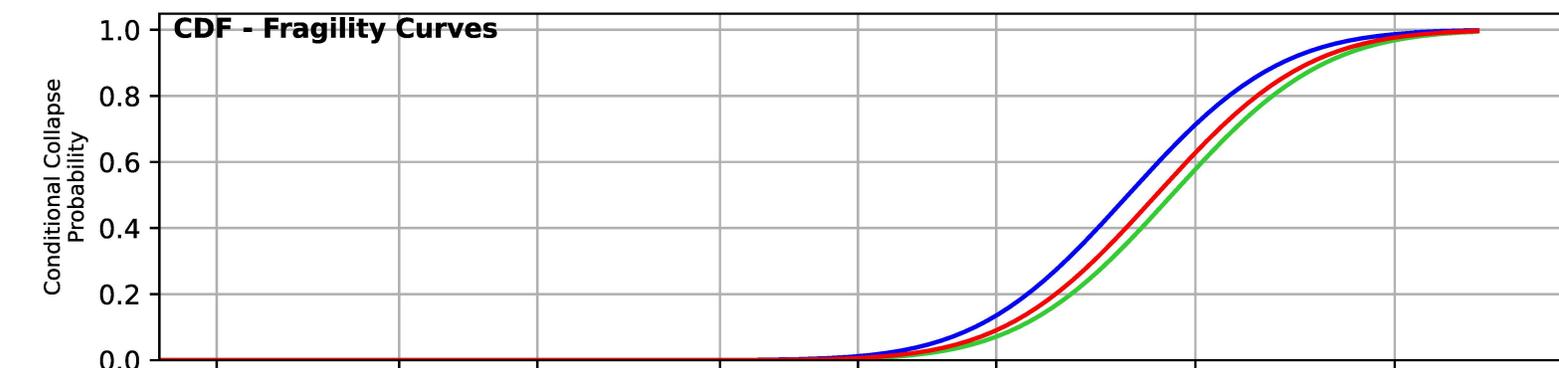
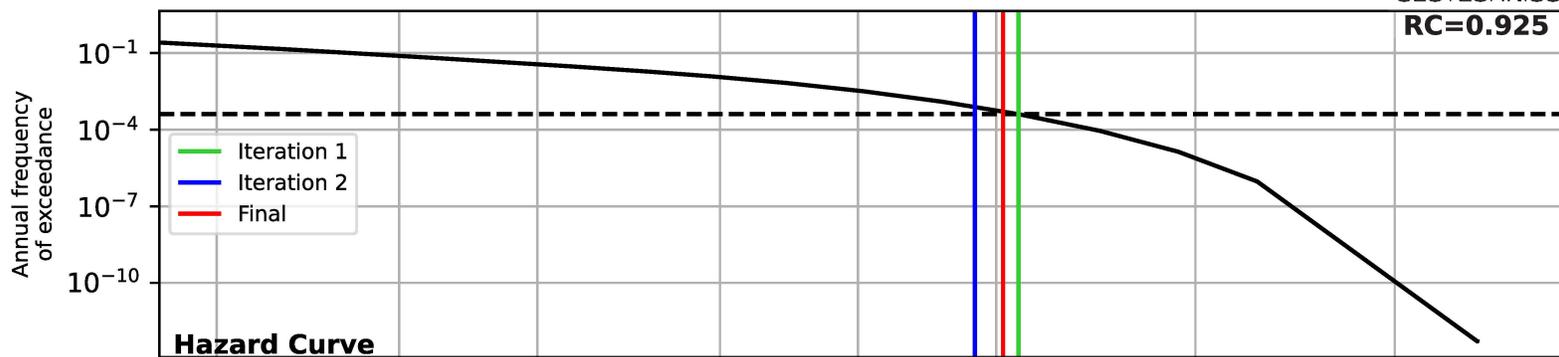
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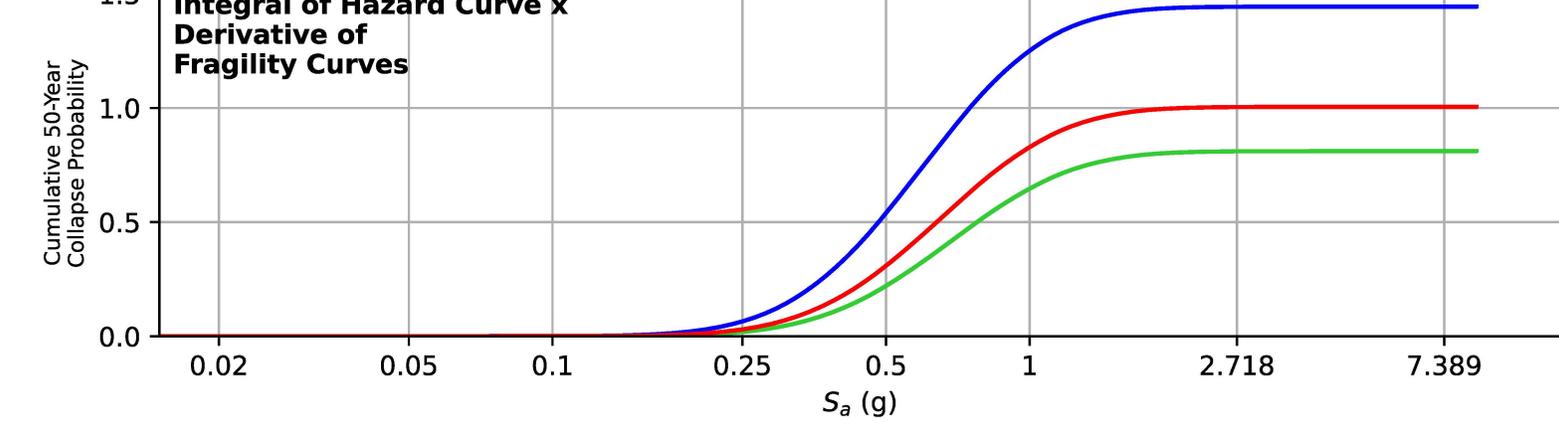
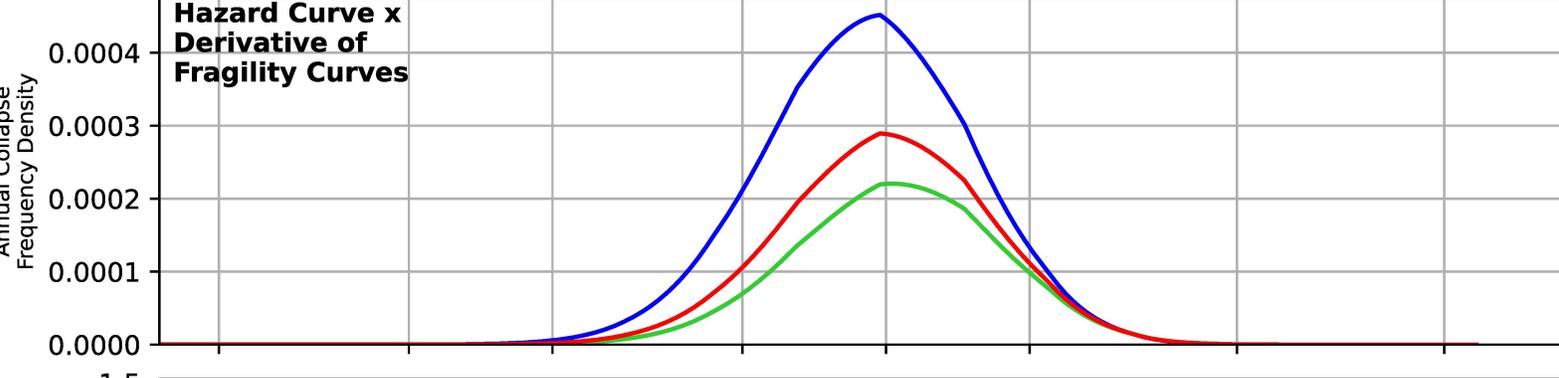
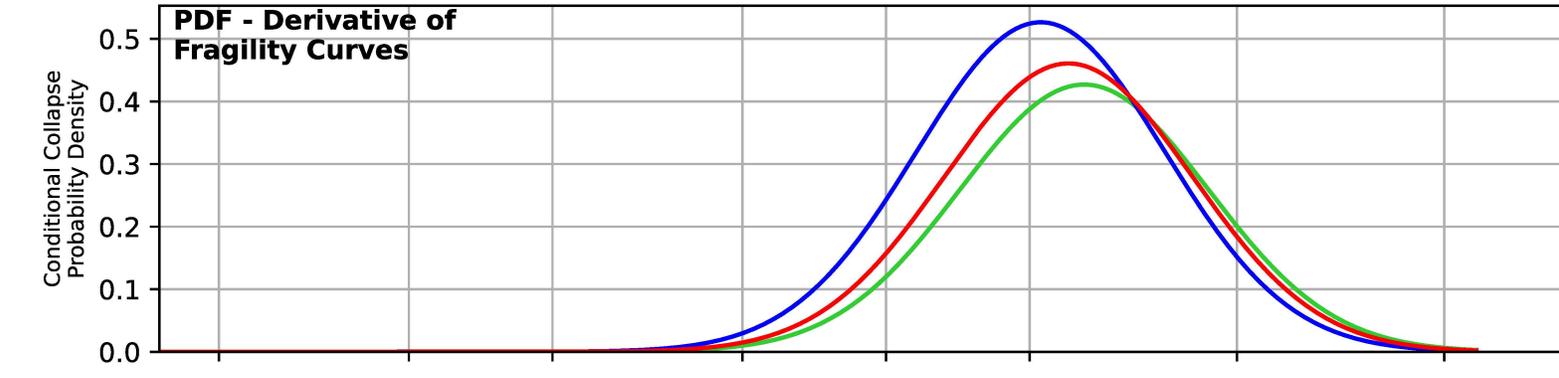
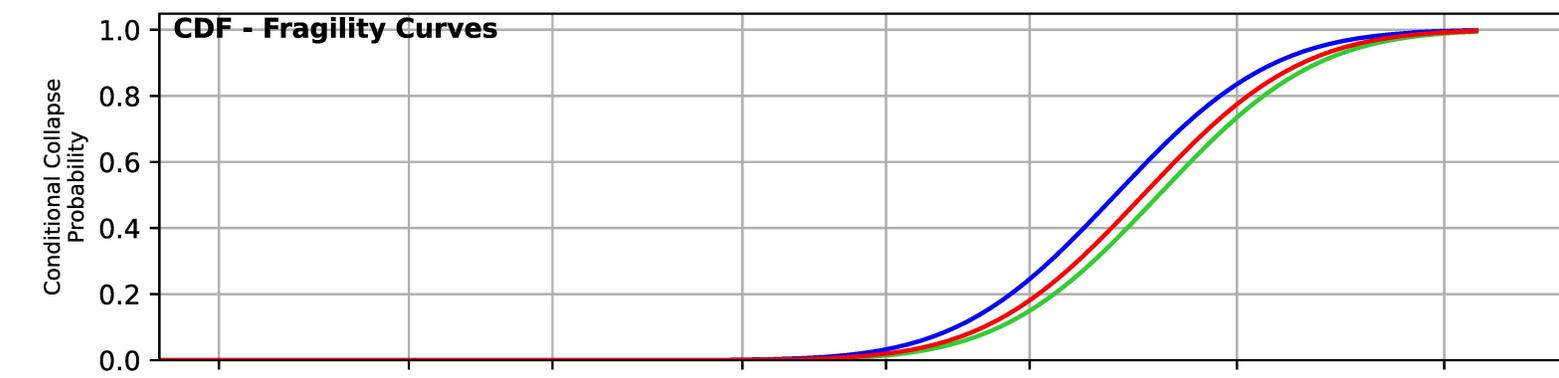
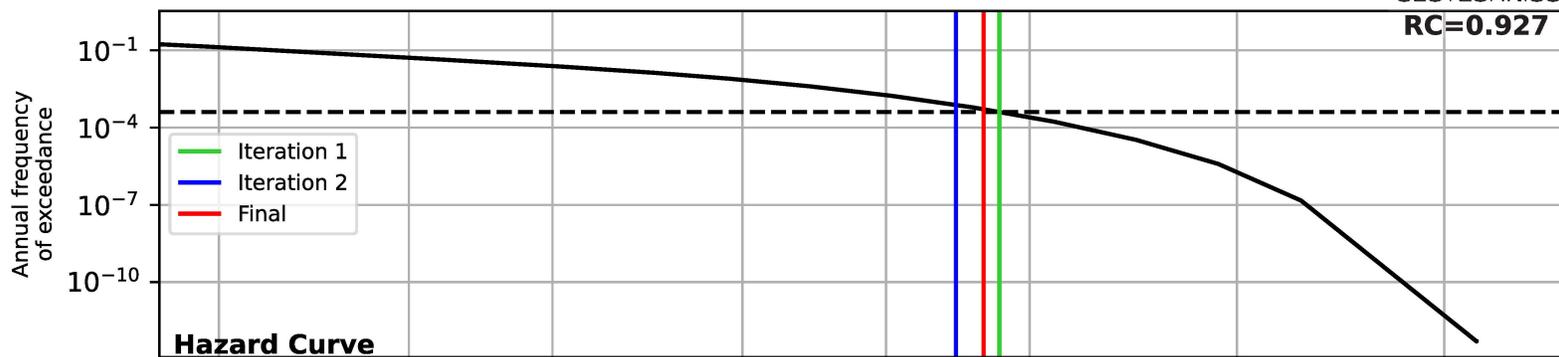
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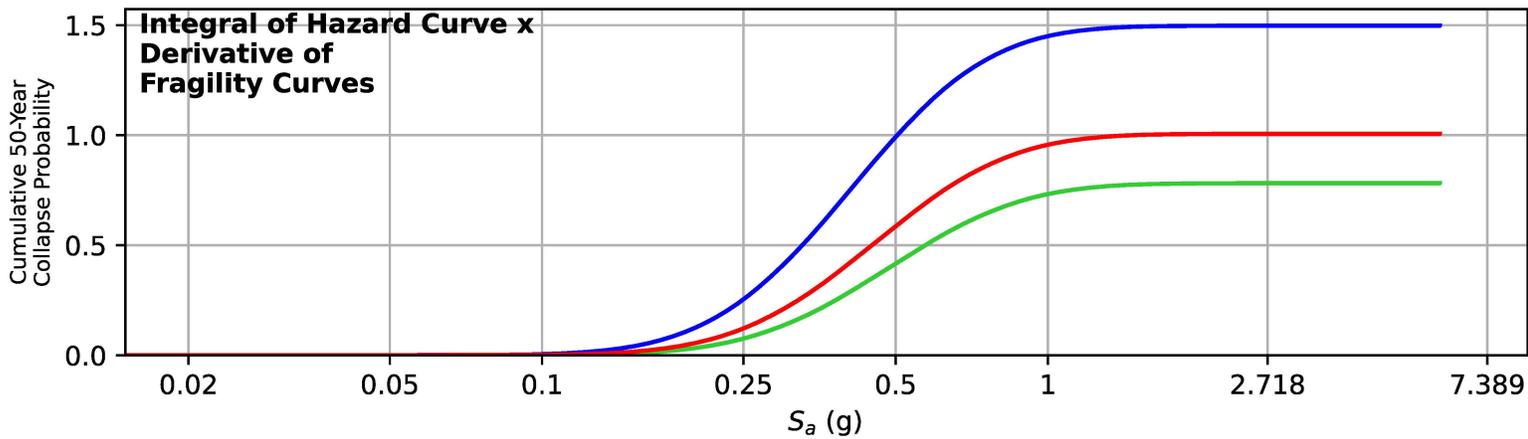
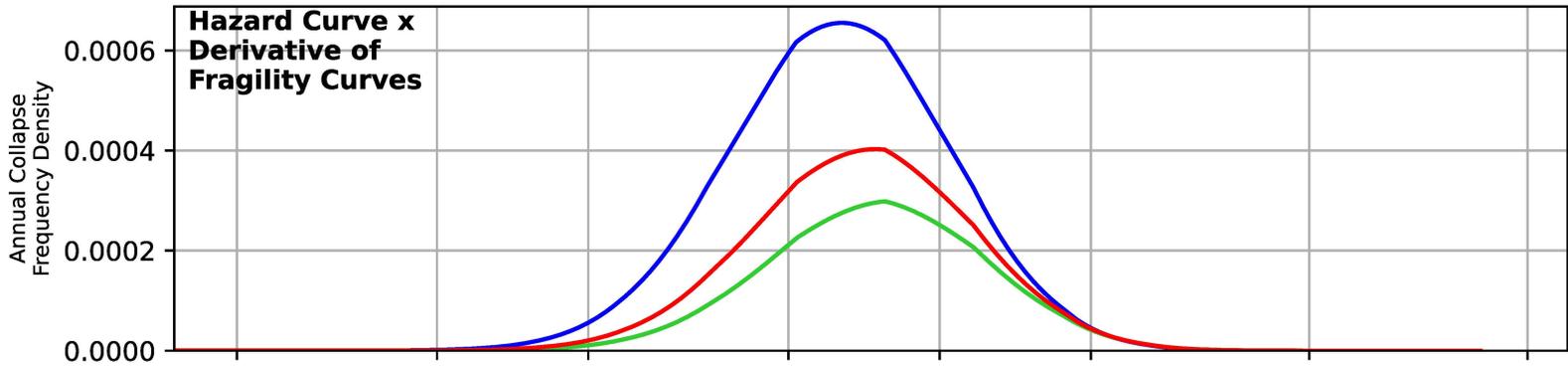
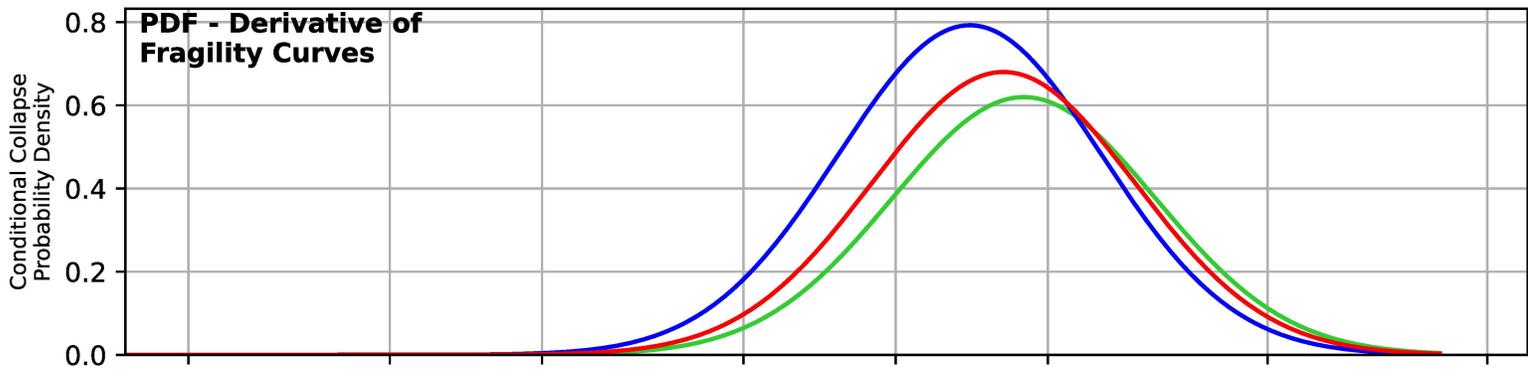
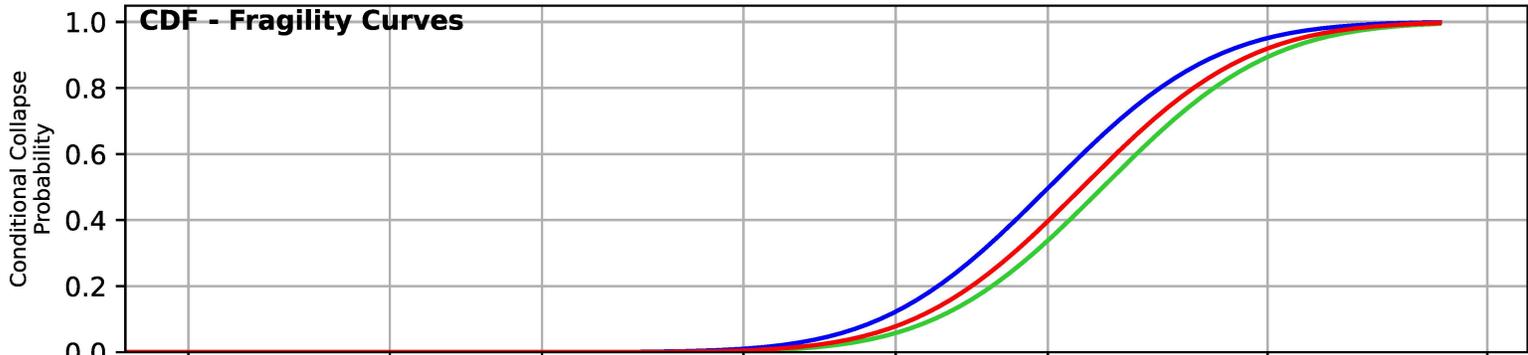
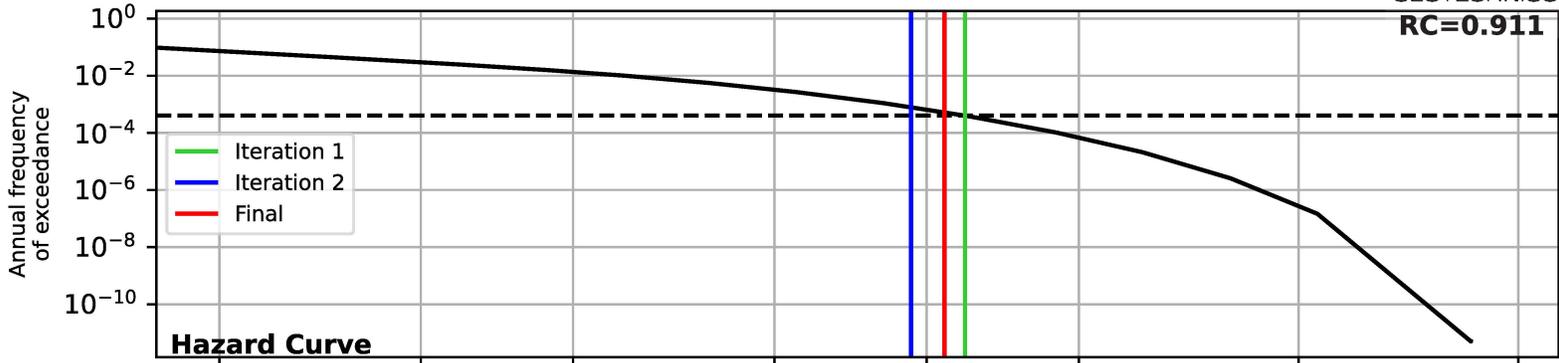
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$T = 2.0$ sec



$T = 3.0$ sec

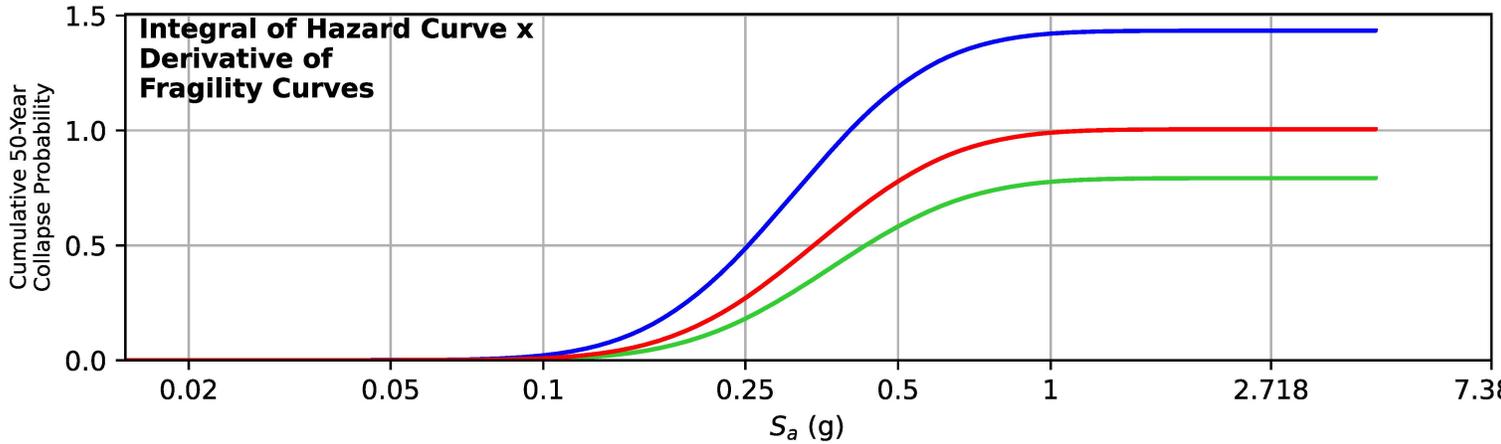
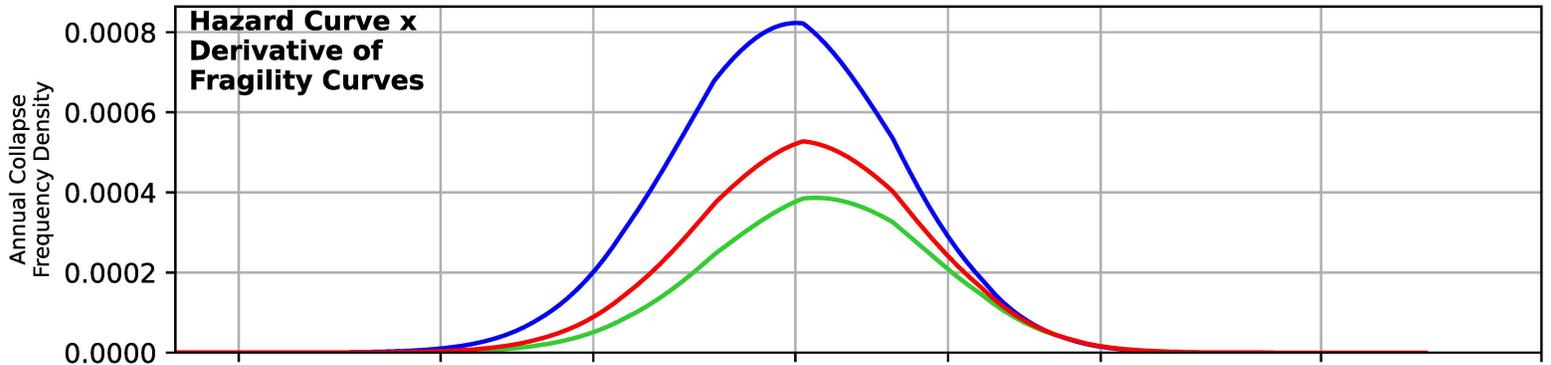
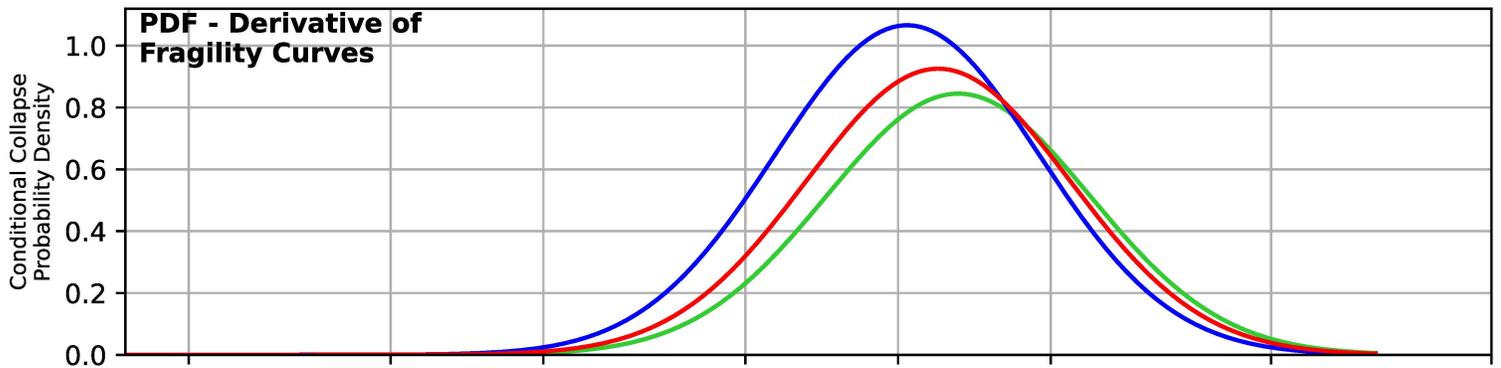
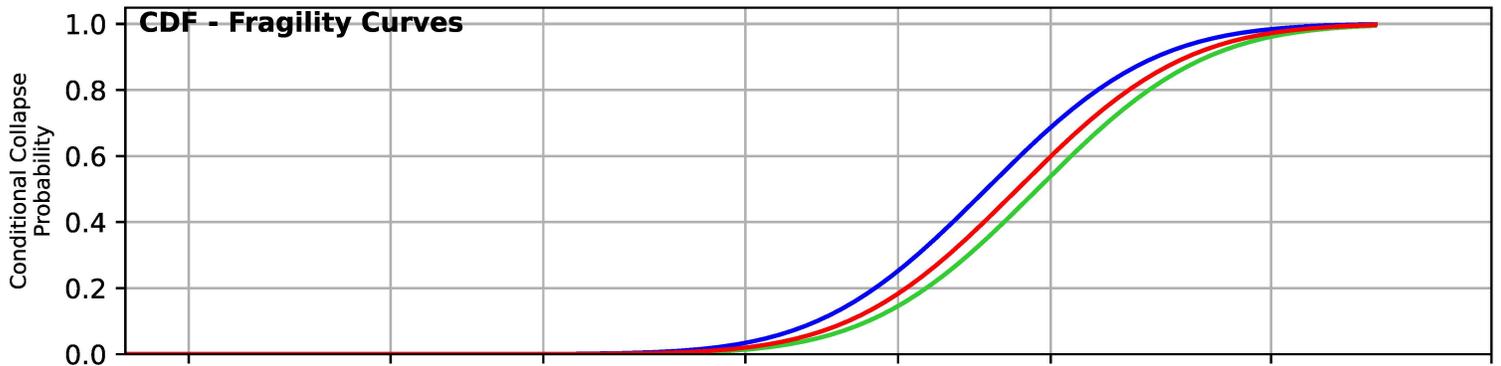
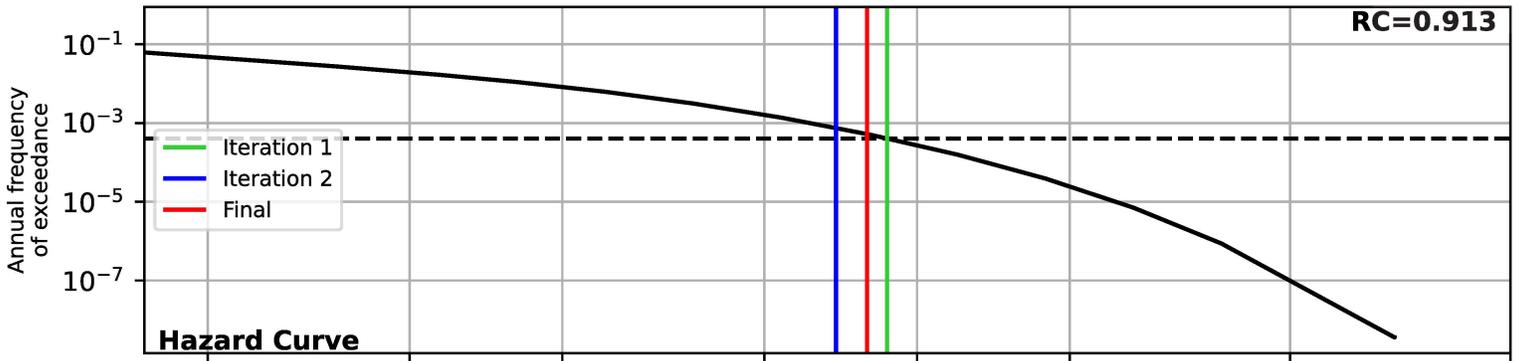


0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

S_a (g)

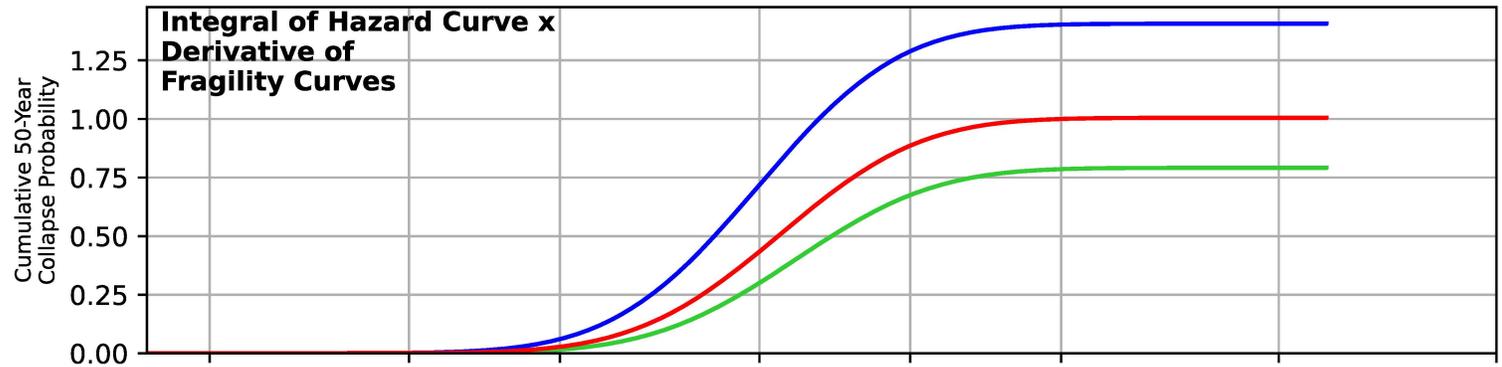
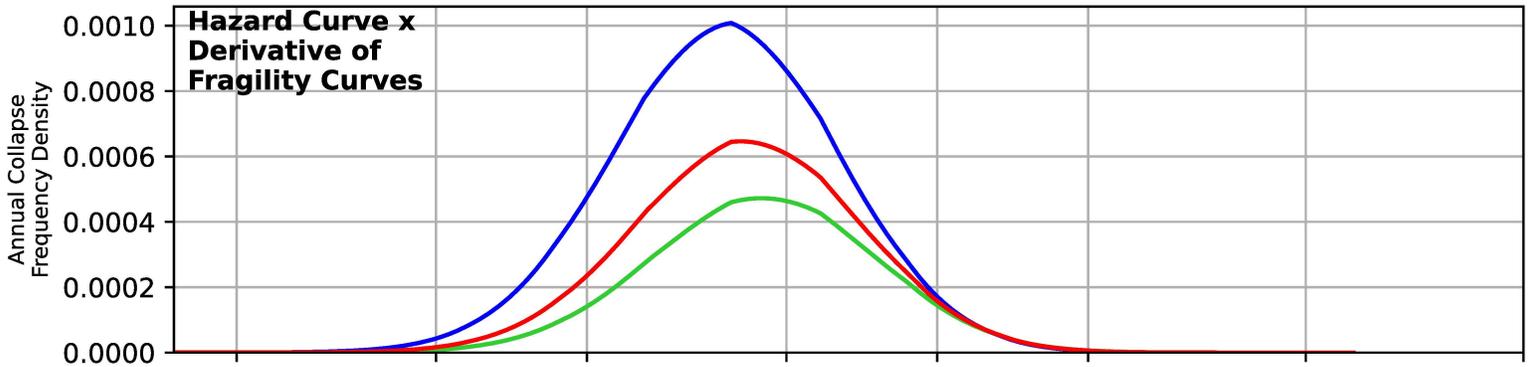
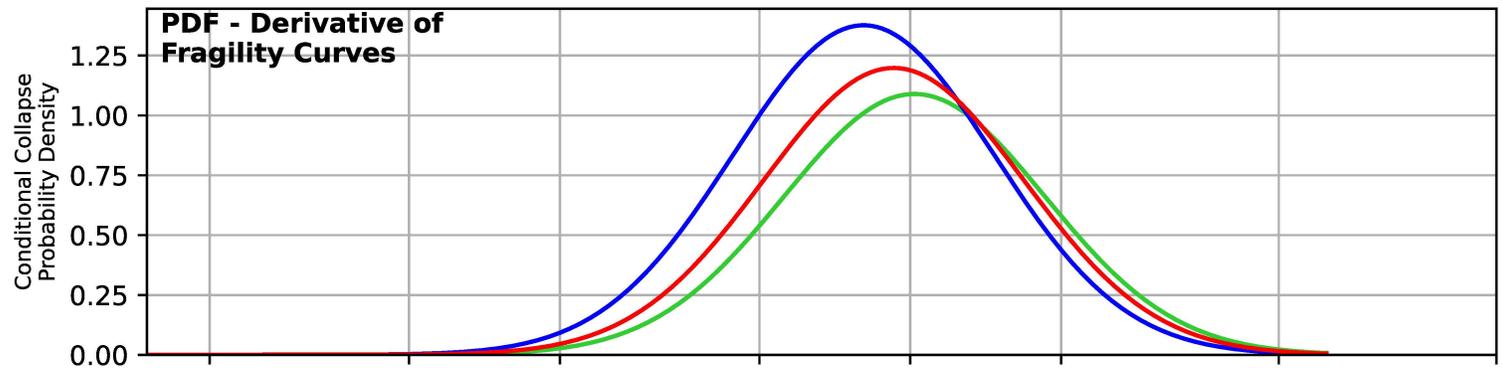
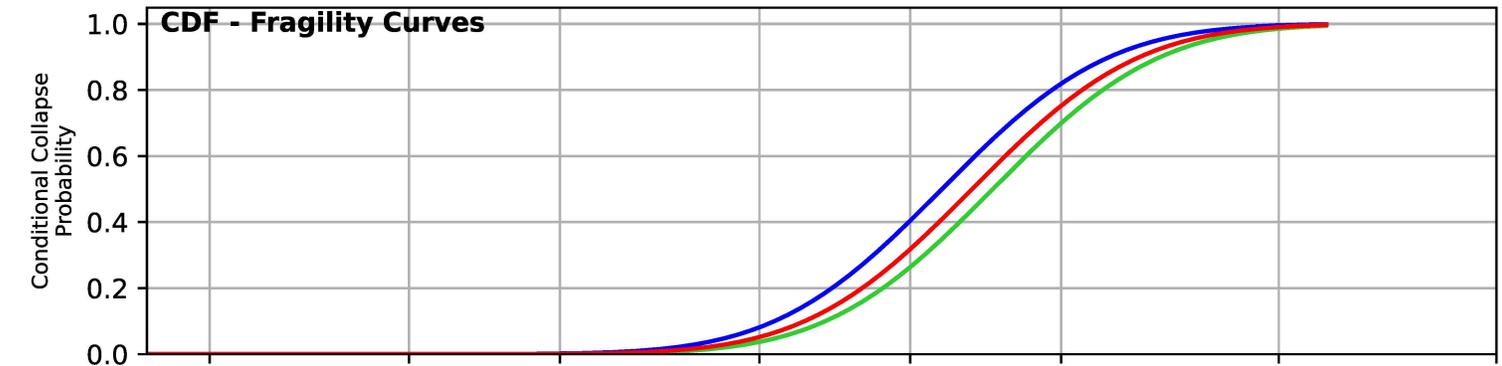
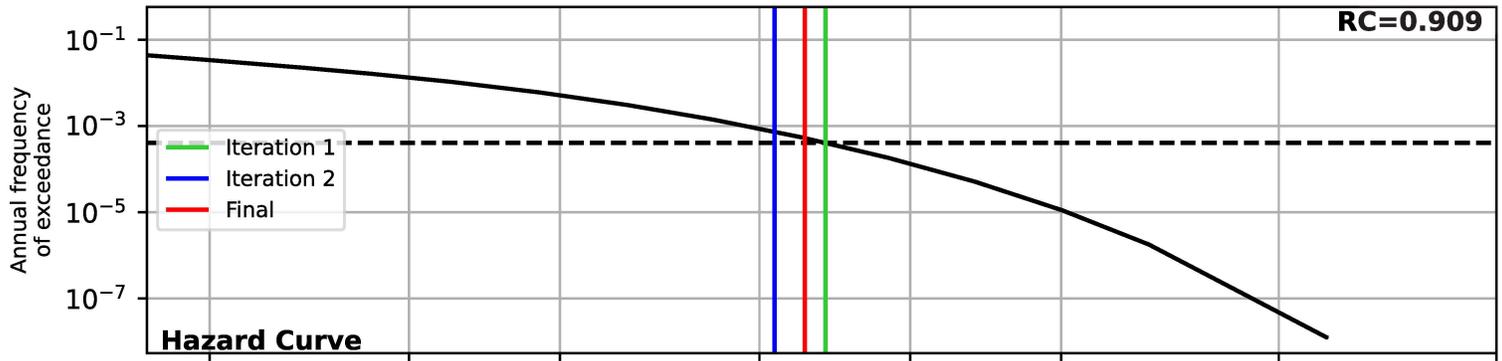
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RC=0.913



$T = 5.0$ sec

RC=0.909

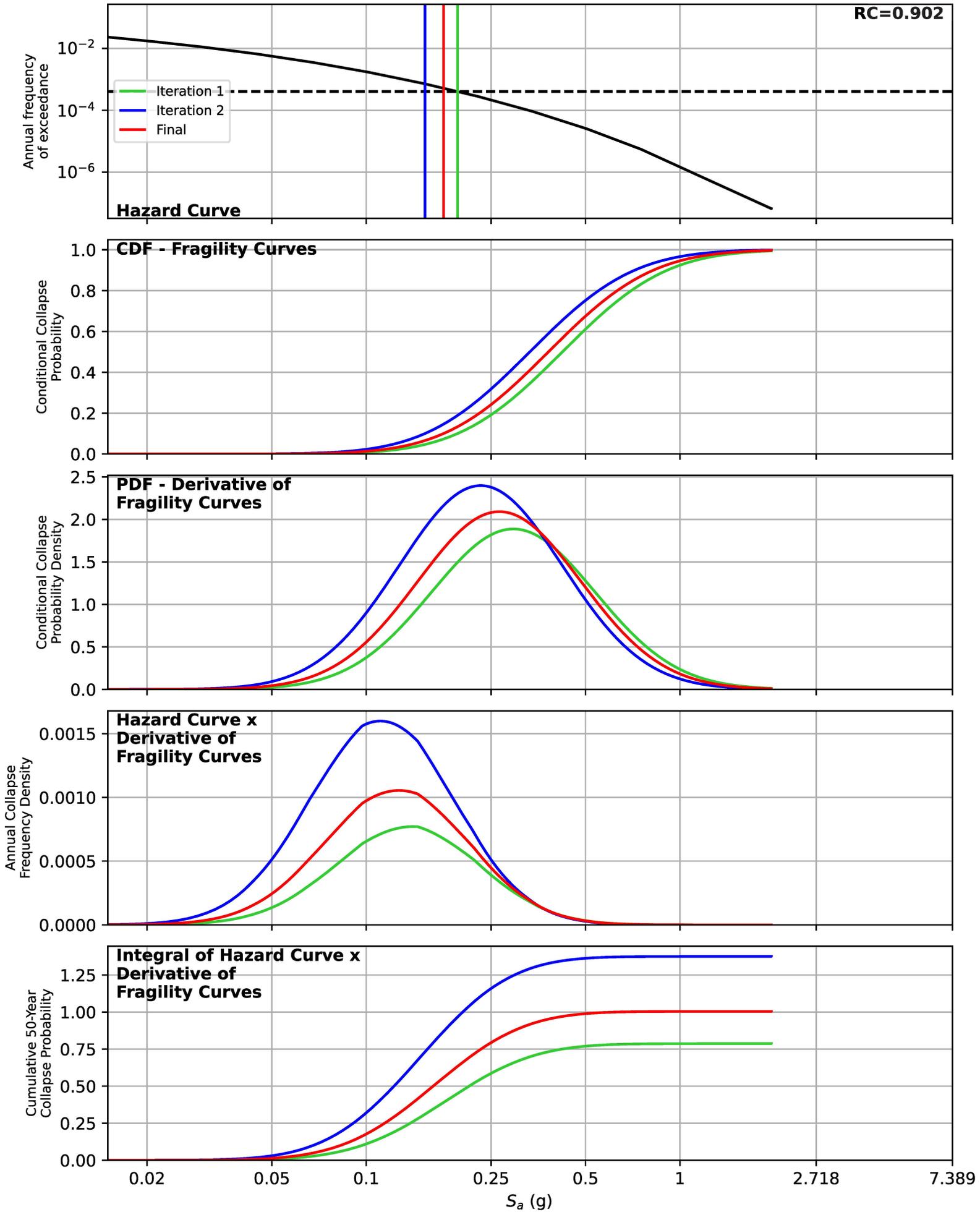


0.02 0.05 0.1 0.25 0.5 1 2.718 7.389

S_a (g)

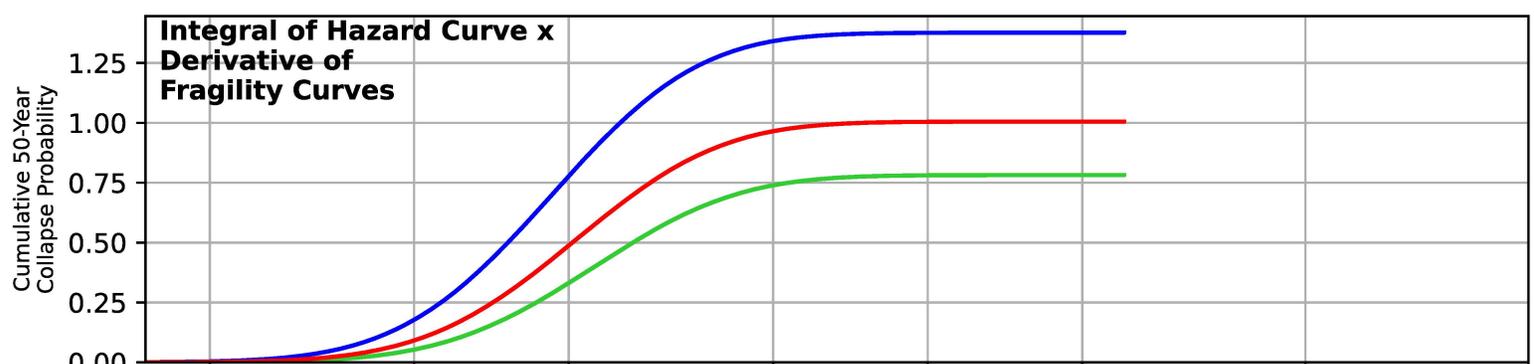
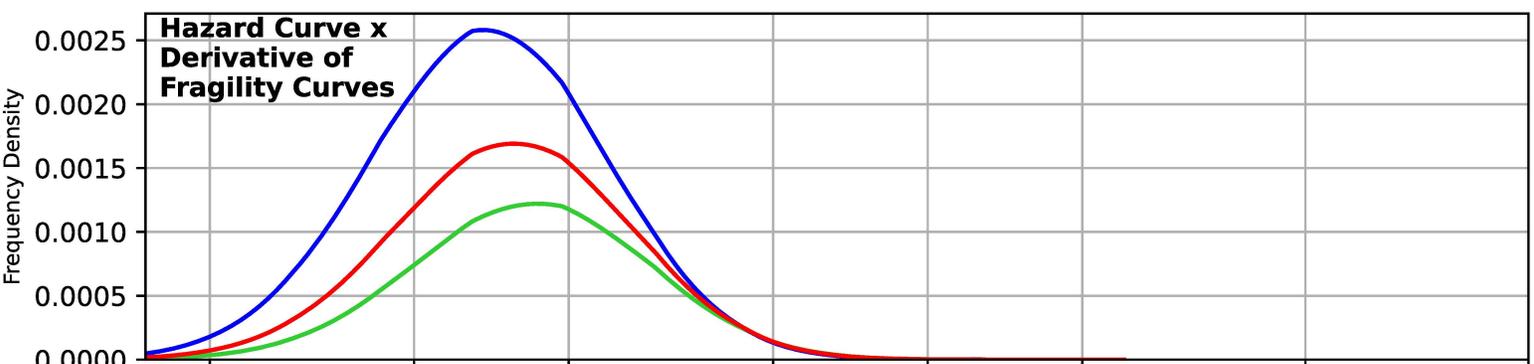
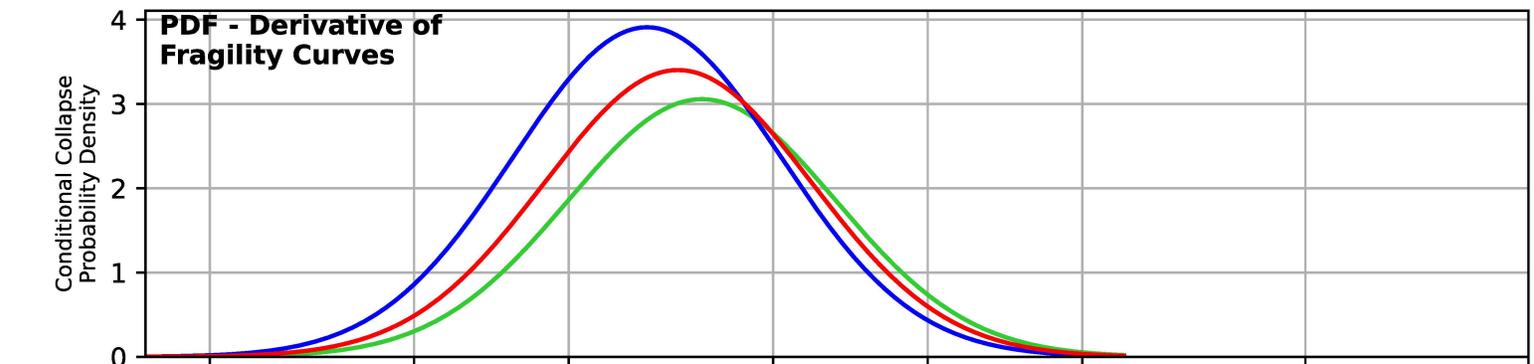
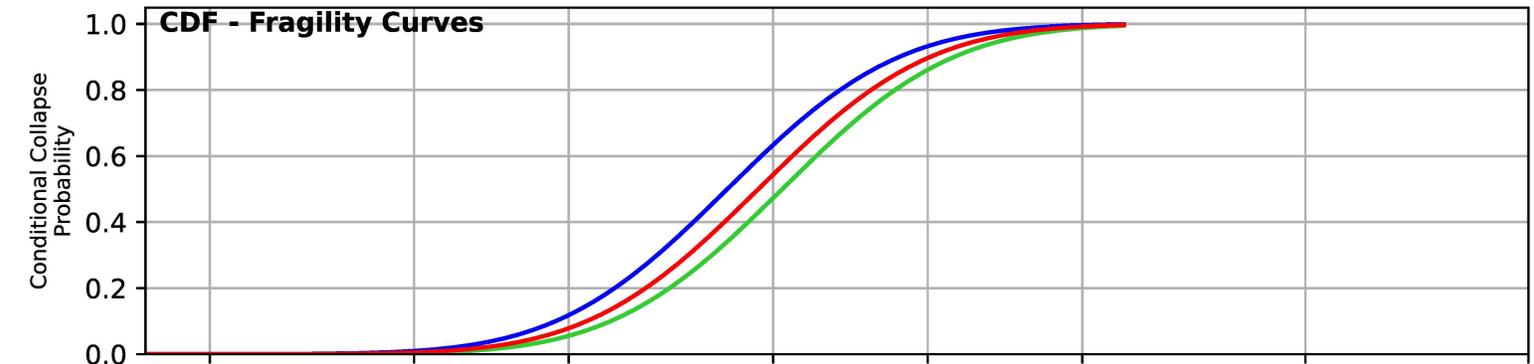
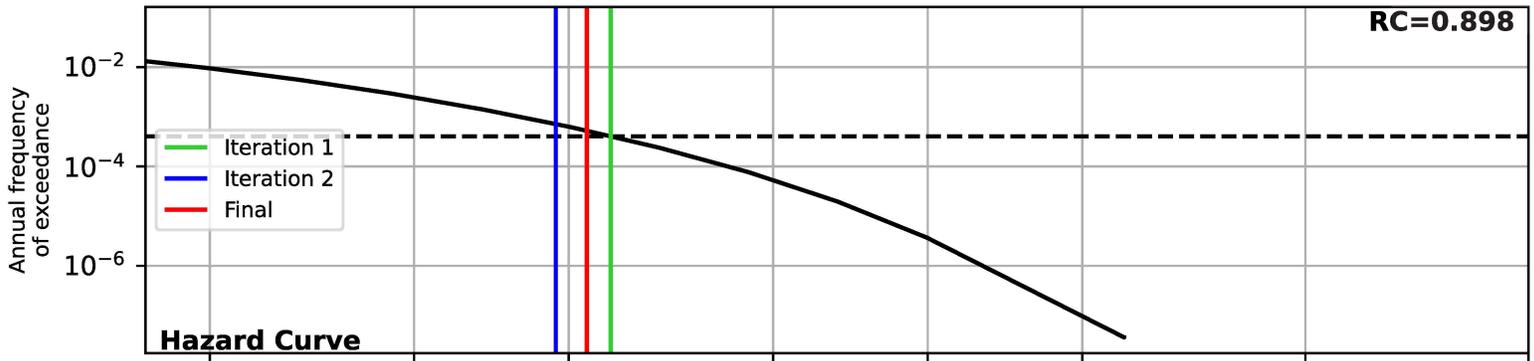
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RC=0.902



$T = 10.0$ sec

RC=0.898



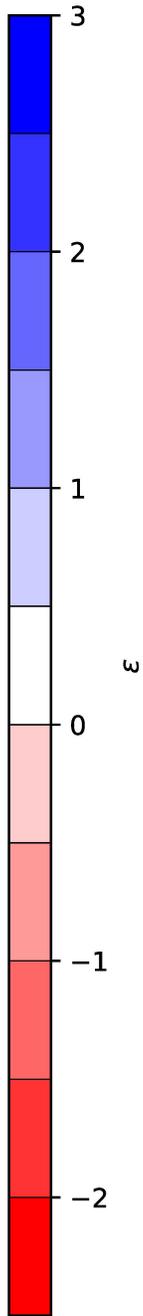
0.02 0.05 0.1 0.25 0.5 1 2.718 7.389 S_a (g)



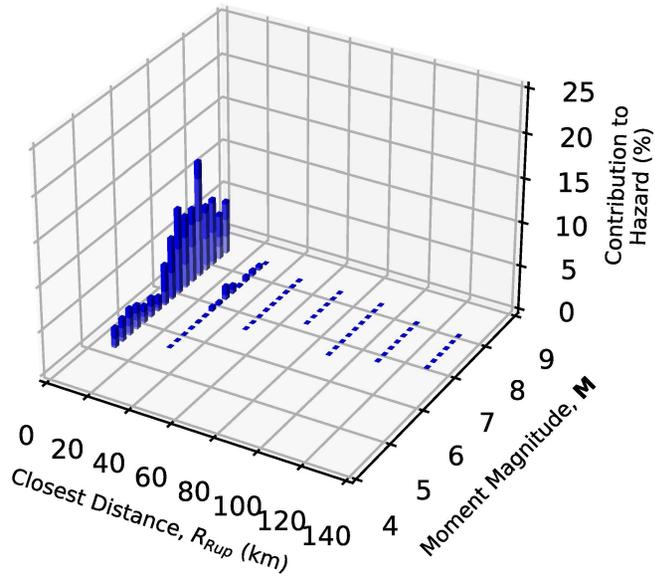
Appendix B

Deaggregations of Seismic Hazard for Base Ground Motions

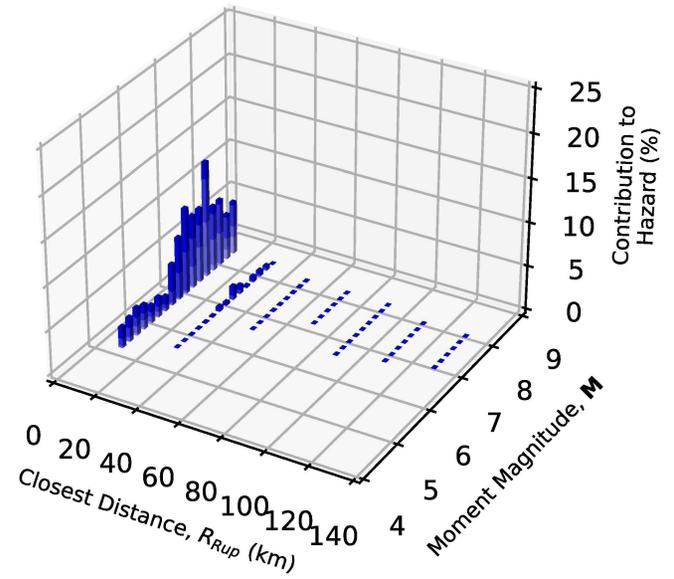
2475-year Return Period (2% probability of exceedance in 50 years)



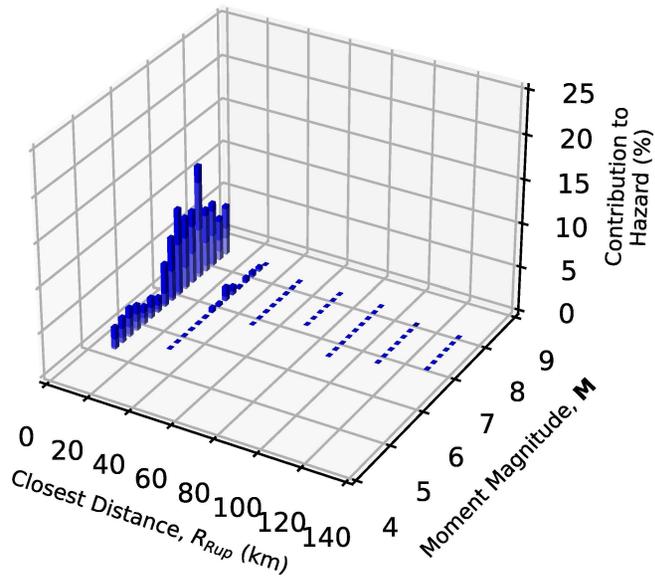
$T = 0.01s, \bar{R} = 11 \text{ km}, \bar{M} = 7.1$



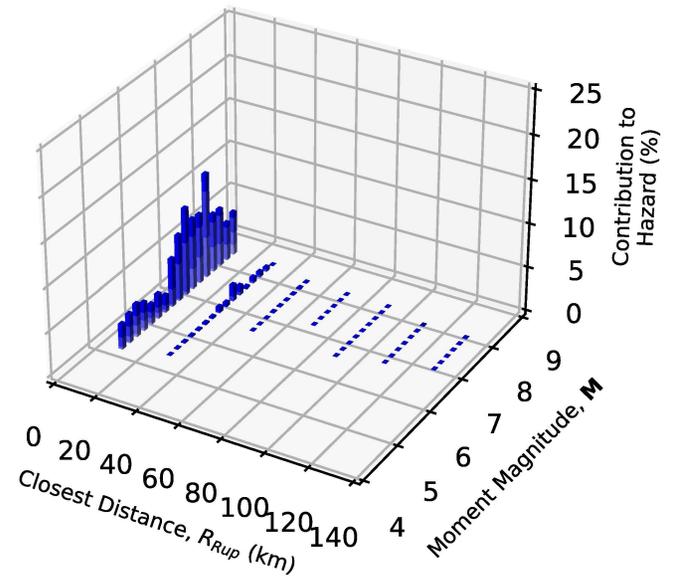
$T = 0.02s, \bar{R} = 11 \text{ km}, \bar{M} = 7.09$



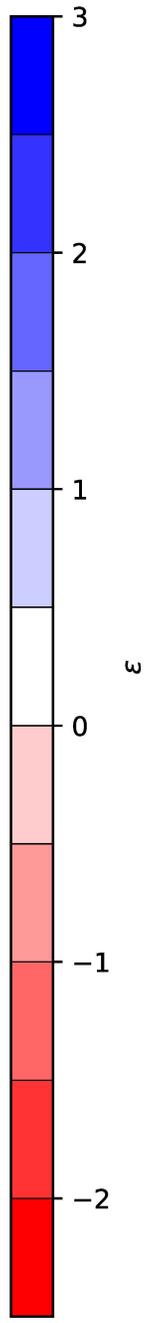
$T = 0.03s, \bar{R} = 11 \text{ km}, \bar{M} = 7.07$



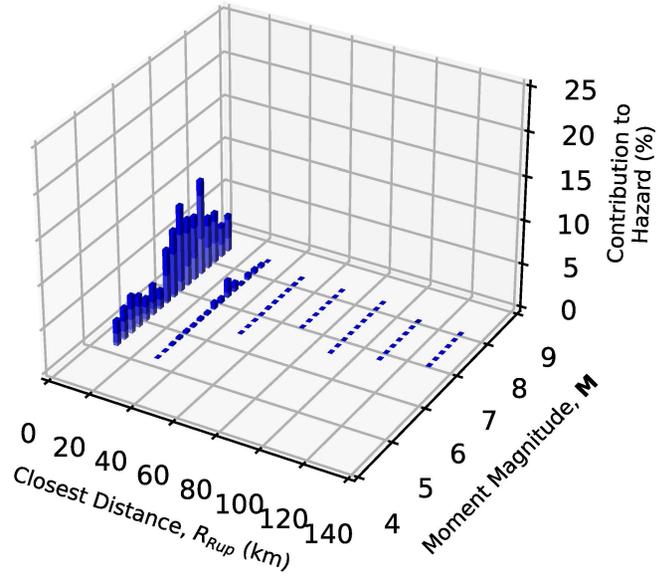
$T = 0.05s, \bar{R} = 11 \text{ km}, \bar{M} = 6.99$



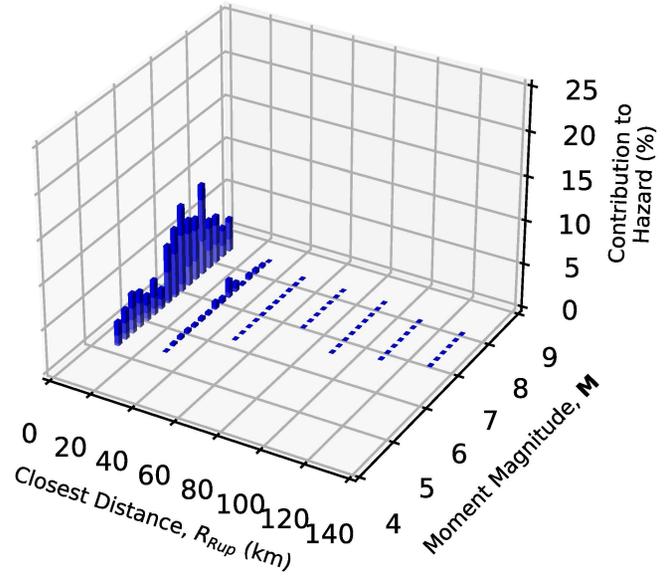
2475-year Return Period (2% probability of exceedance in 50 years)



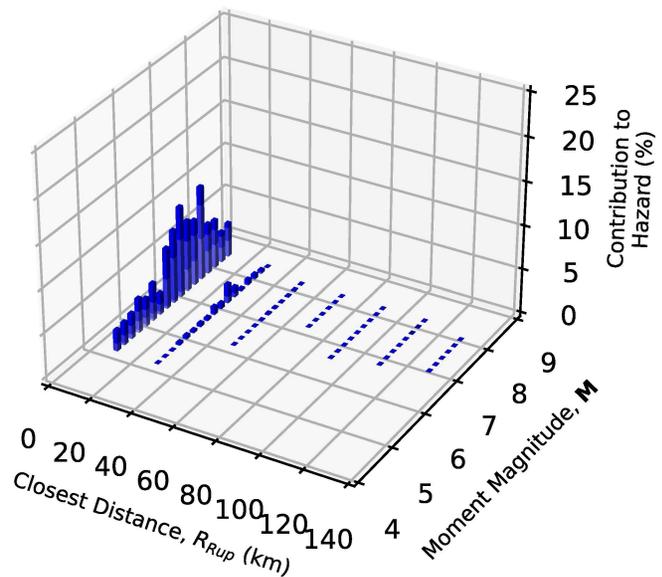
$T = 0.075s, \bar{R} = 12 \text{ km}, \bar{M} = 6.91$



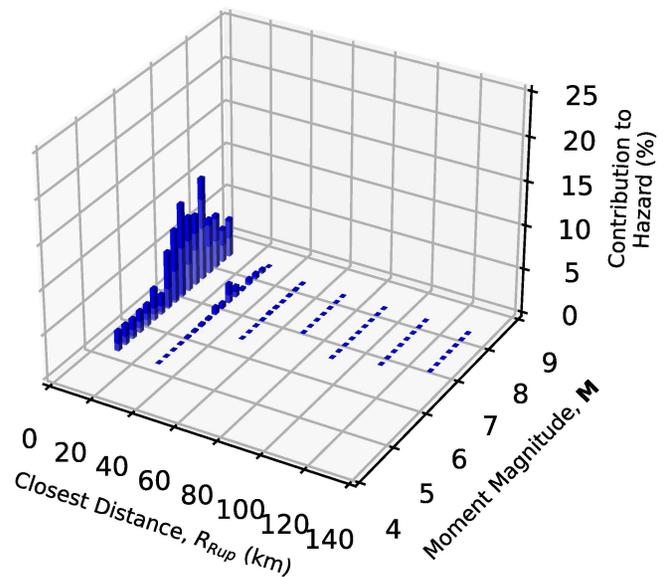
$T = 0.1s, \bar{R} = 12 \text{ km}, \bar{M} = 6.87$



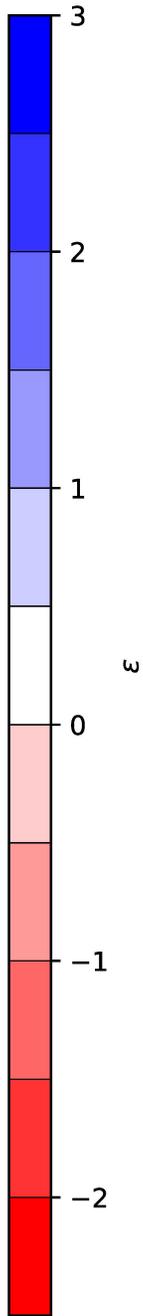
$T = 0.15s, \bar{R} = 12 \text{ km}, \bar{M} = 6.93$



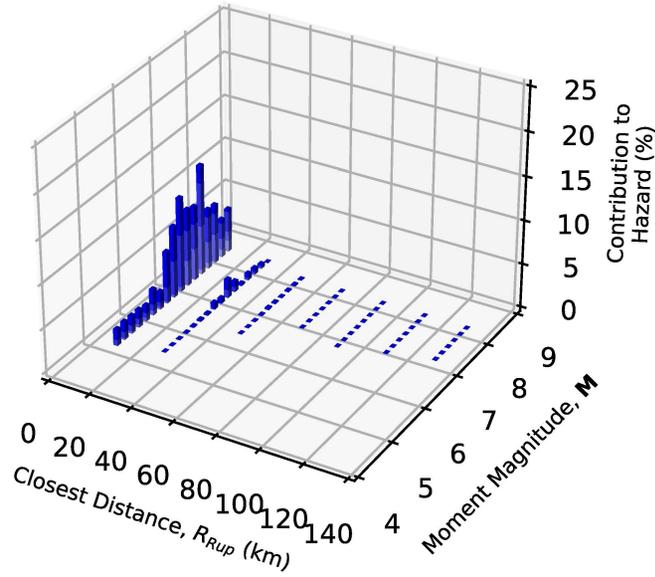
$T = 0.2s, \bar{R} = 12 \text{ km}, \bar{M} = 7.01$



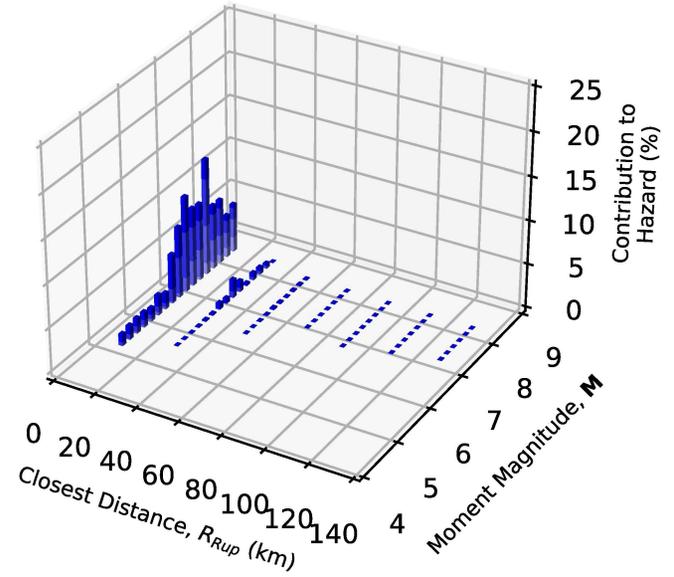
2475-year Return Period (2% probability of exceedance in 50 years)



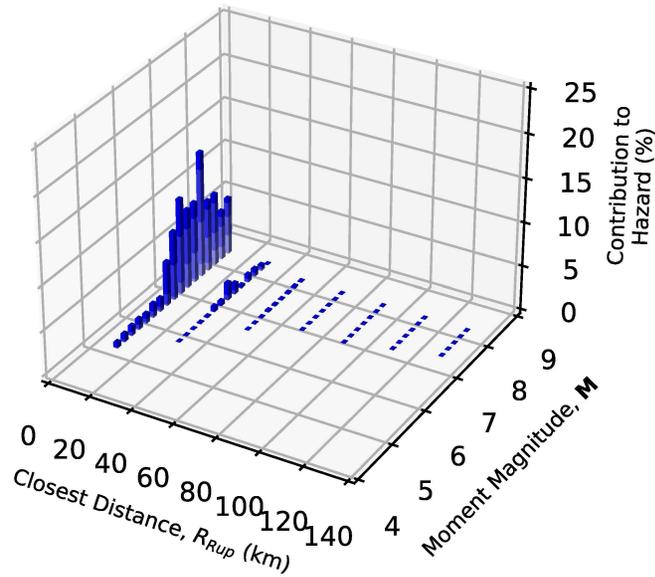
$T = 0.25s, \bar{R} = 12 \text{ km}, \bar{M} = 7.09$



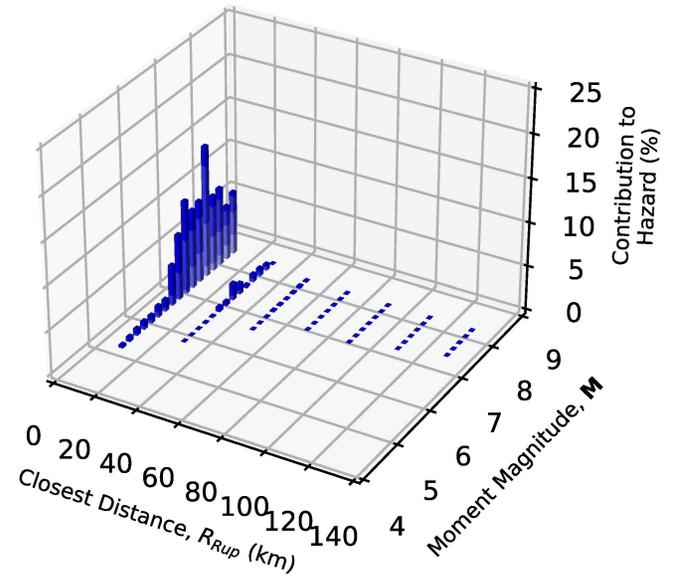
$T = 0.3s, \bar{R} = 12 \text{ km}, \bar{M} = 7.16$



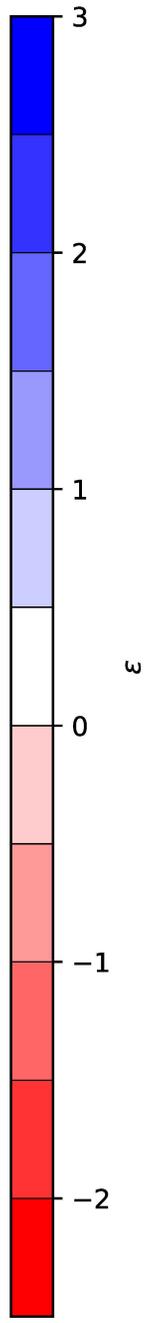
$T = 0.4s, \bar{R} = 12 \text{ km}, \bar{M} = 7.26$



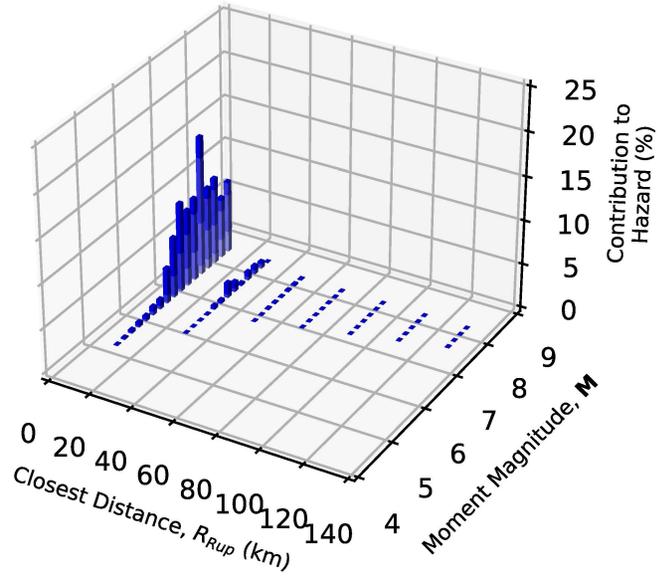
$T = 0.5s, \bar{R} = 12 \text{ km}, \bar{M} = 7.32$



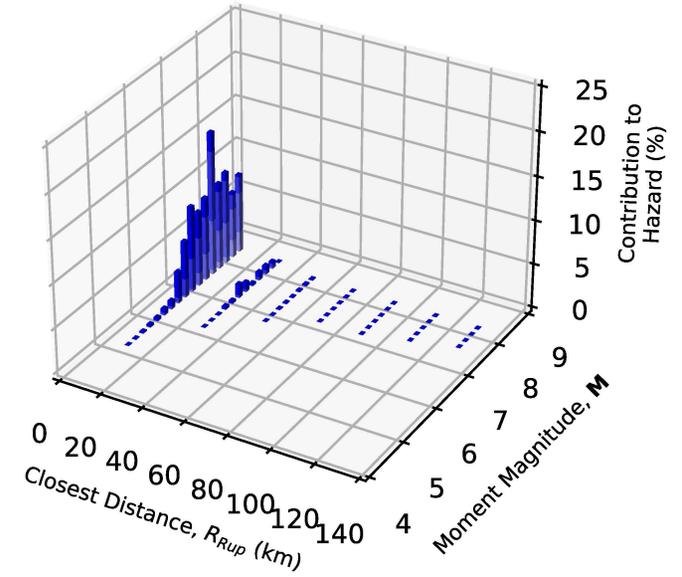
2475-year Return Period (2% probability of exceedance in 50 years)



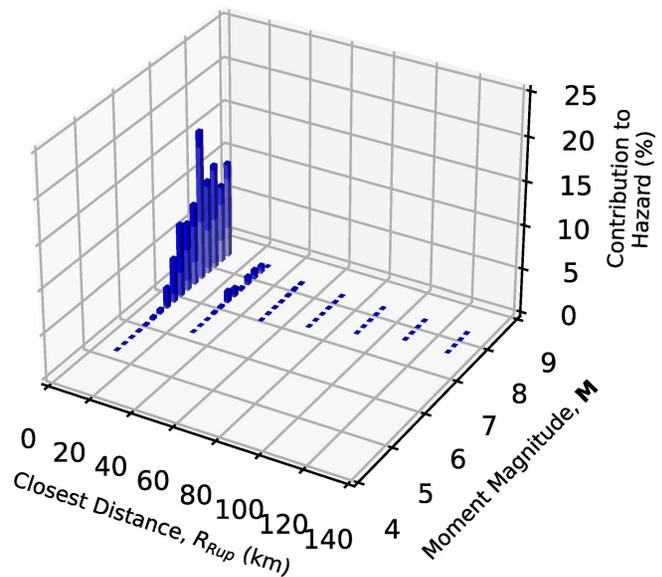
$T = 0.75s, \bar{R} = 12 \text{ km}, \bar{M} = 7.4$



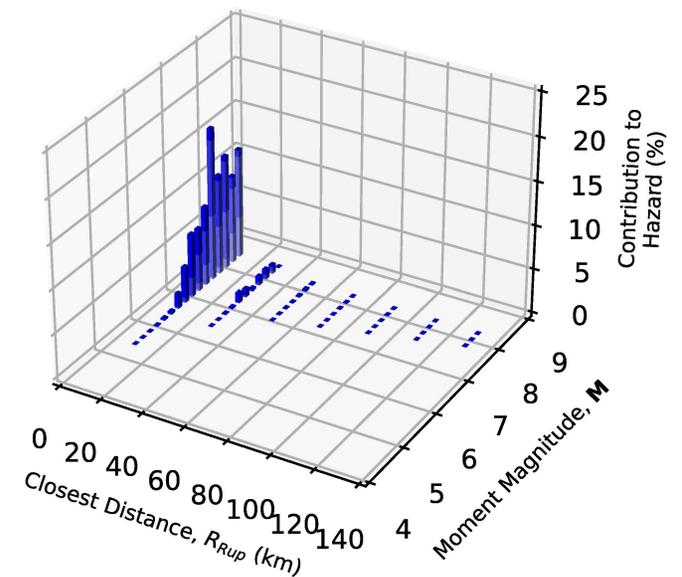
$T = 1.0s, \bar{R} = 11 \text{ km}, \bar{M} = 7.44$



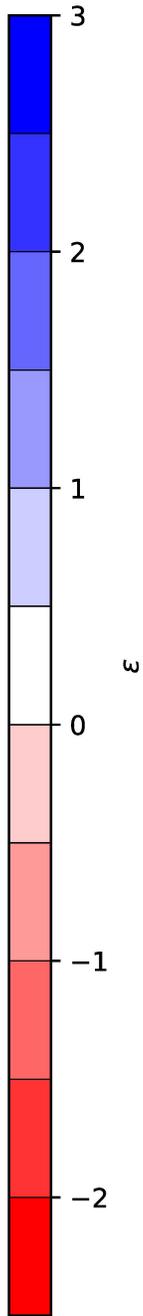
$T = 1.5s, \bar{R} = 11 \text{ km}, \bar{M} = 7.54$



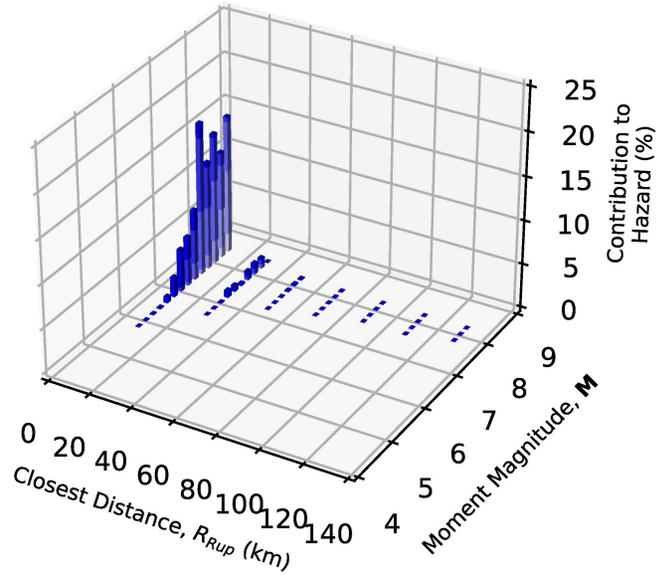
$T = 2.0s, \bar{R} = 11 \text{ km}, \bar{M} = 7.6$



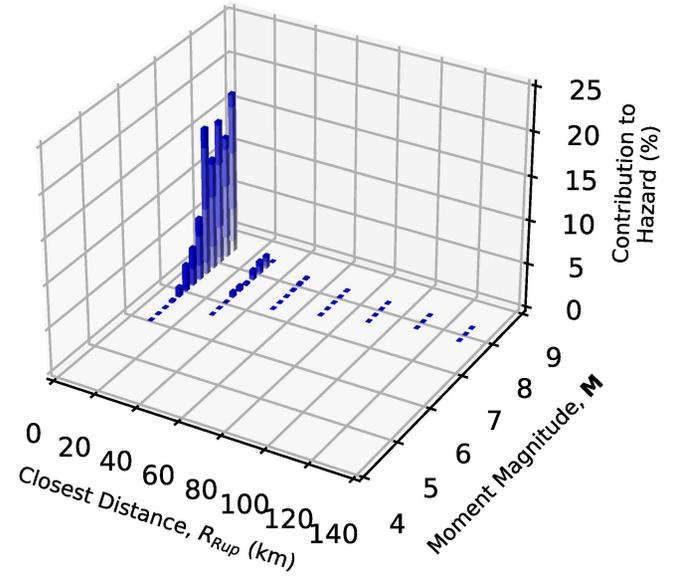
2475-year Return Period (2% probability of exceedance in 50 years)



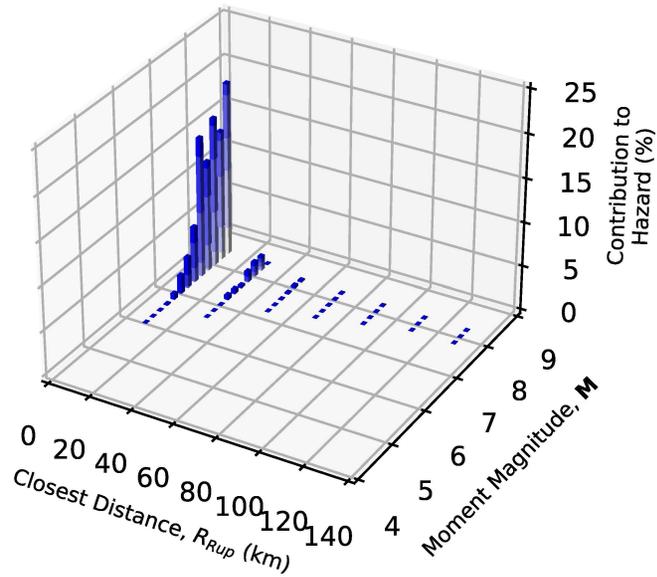
$T = 3.0s, \bar{R} = 11 \text{ km}, \bar{M} = 7.7$



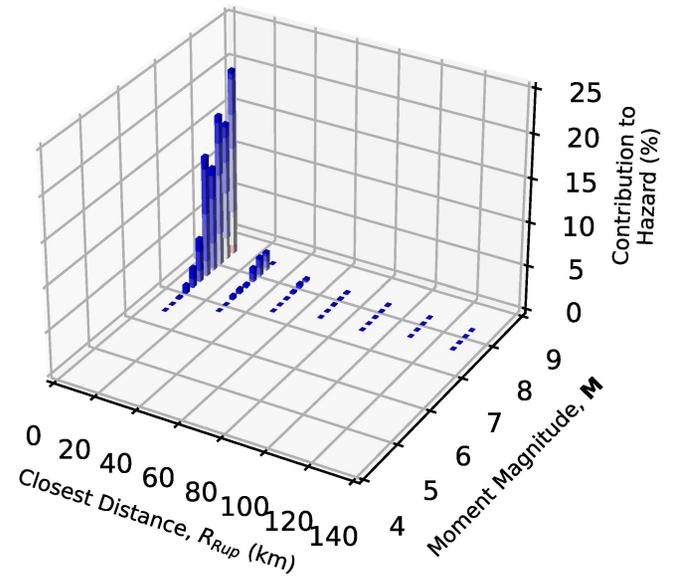
$T = 4.0s, \bar{R} = 11 \text{ km}, \bar{M} = 7.77$



$T = 5.0s, \bar{R} = 11 \text{ km}, \bar{M} = 7.78$

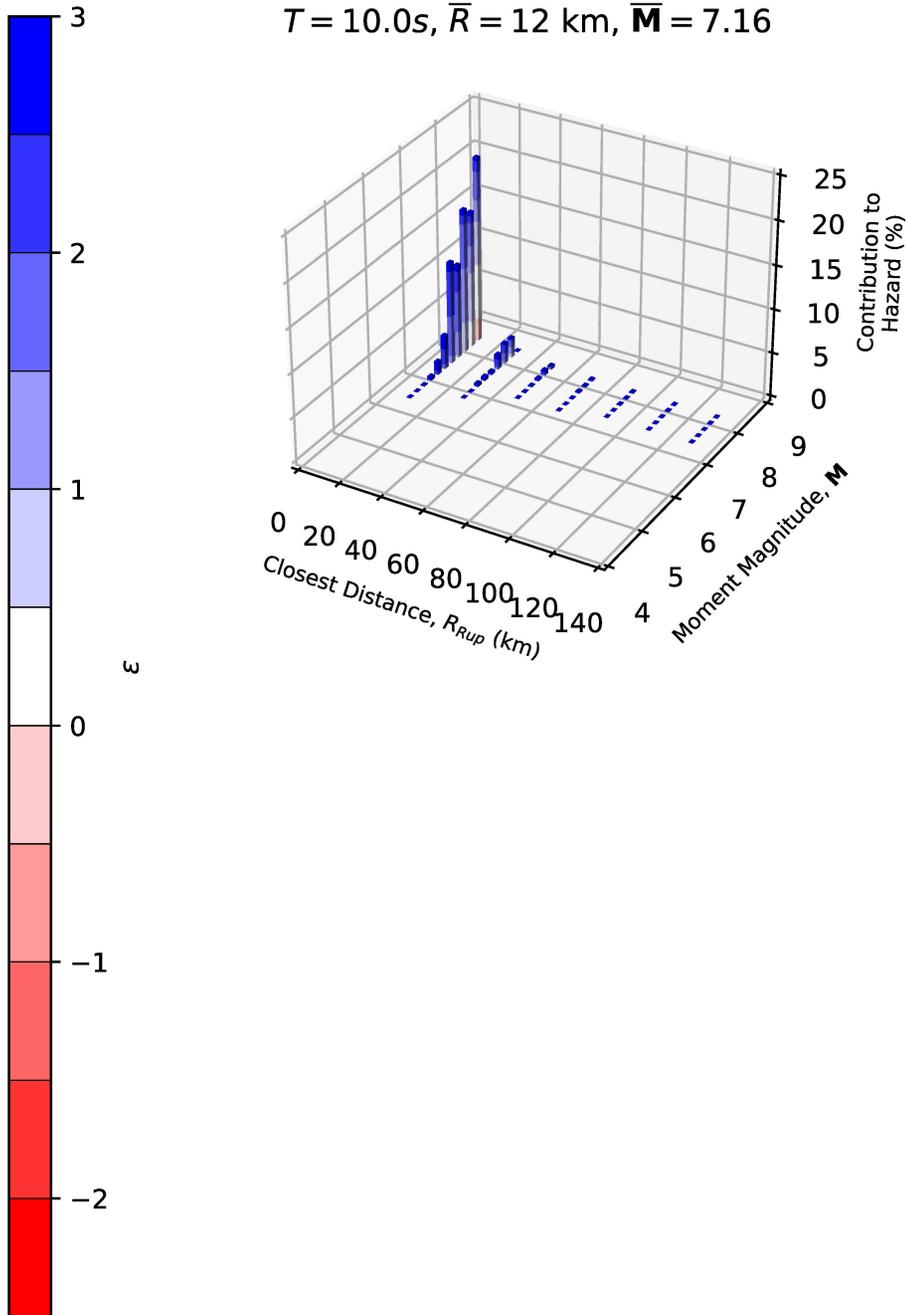


$T = 7.5s, \bar{R} = 12 \text{ km}, \bar{M} = 7.64$



2475-year Return Period (2% probability of exceedance in 50 years)

$T = 10.0s, \bar{R} = 12 \text{ km}, \bar{M} = 7.16$

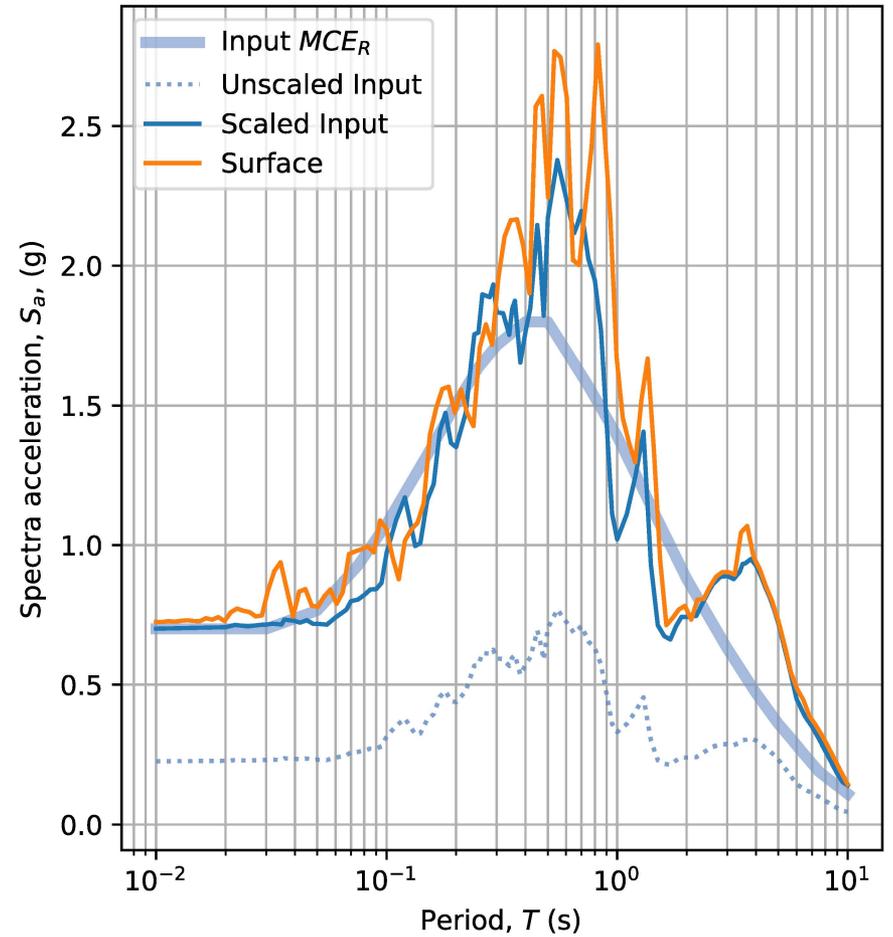
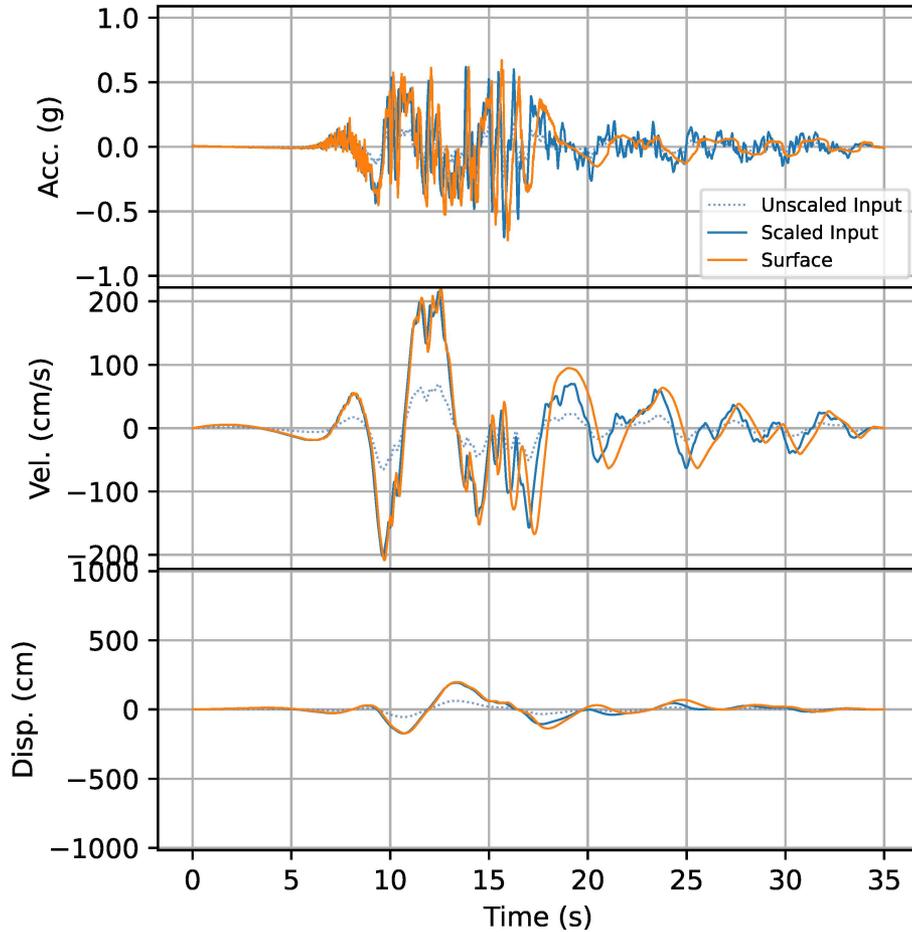




Appendix C

Plots of Ground Motion Records Used in the Site Response Analysis

H1 Component



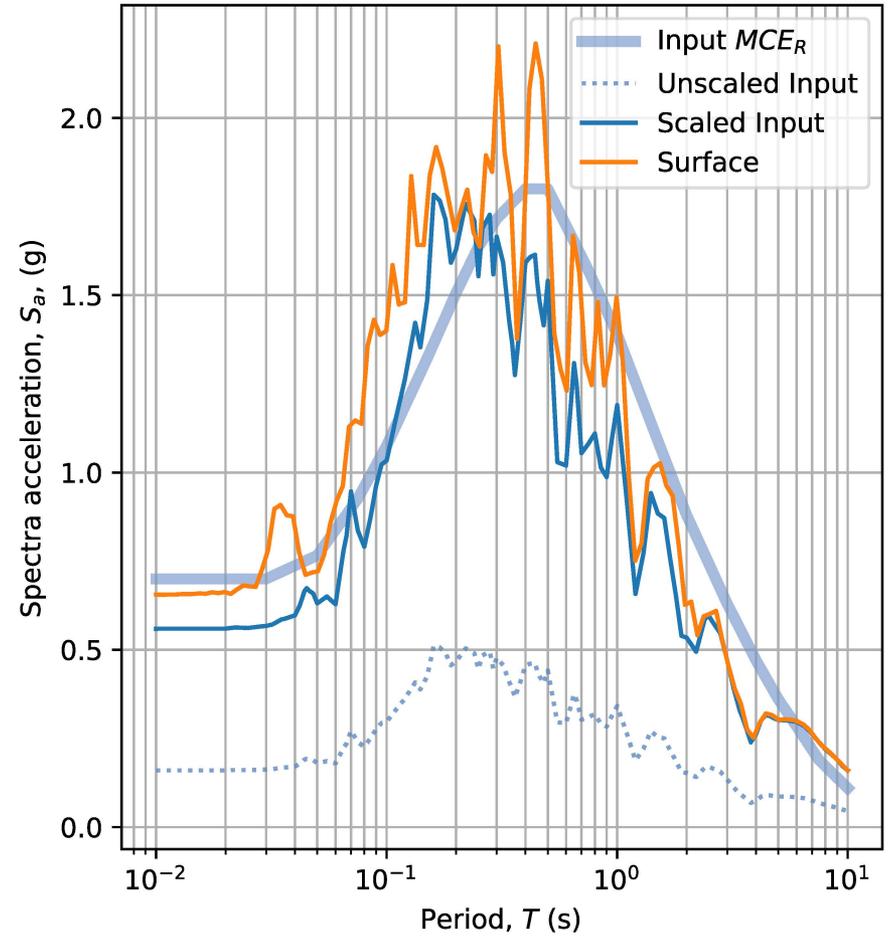
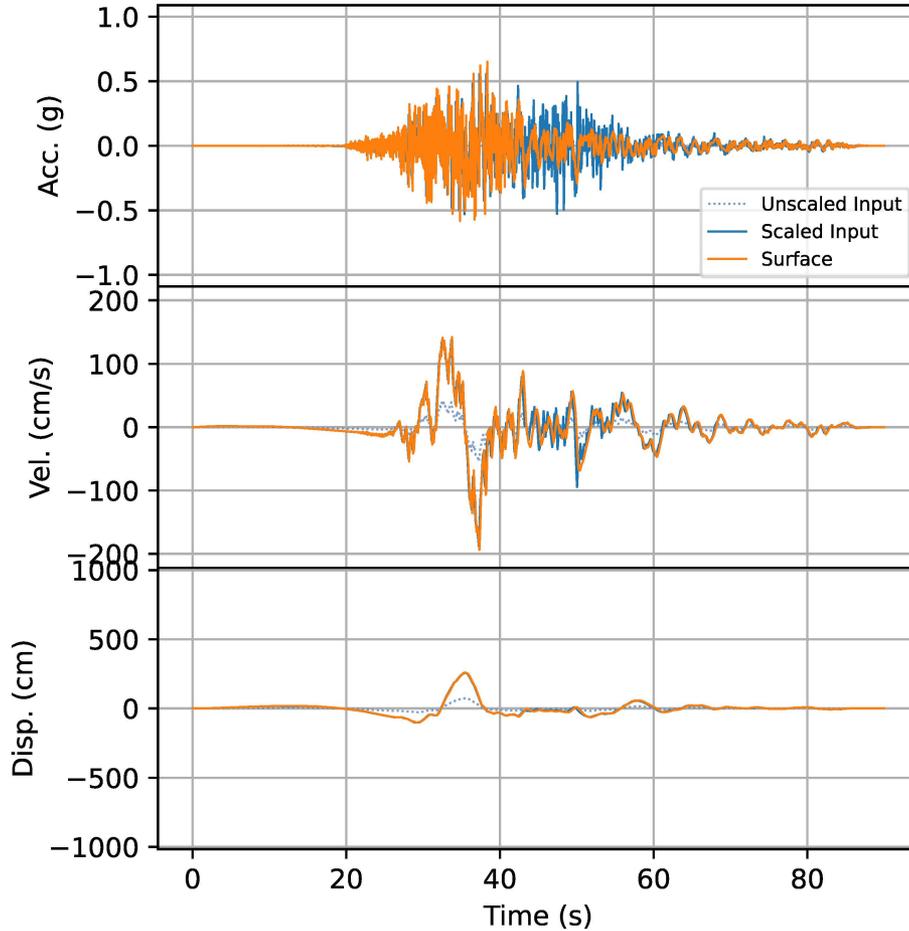
By: KSH 07/11/2024
Checked:

Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA
HGI Project No. 24035.001



Time Series
 MCE_R
1999 Kocaeli, Turkey ($M = 7.51$)
Record: Yarimca
(RSN 1176)

H1 Component



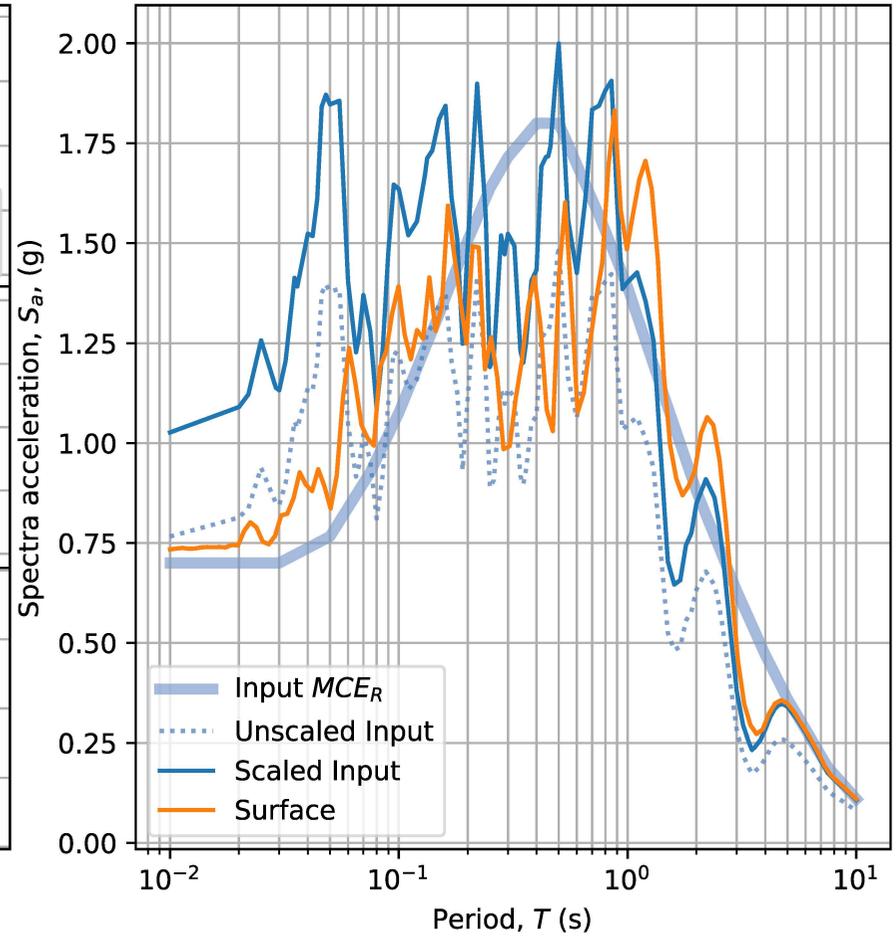
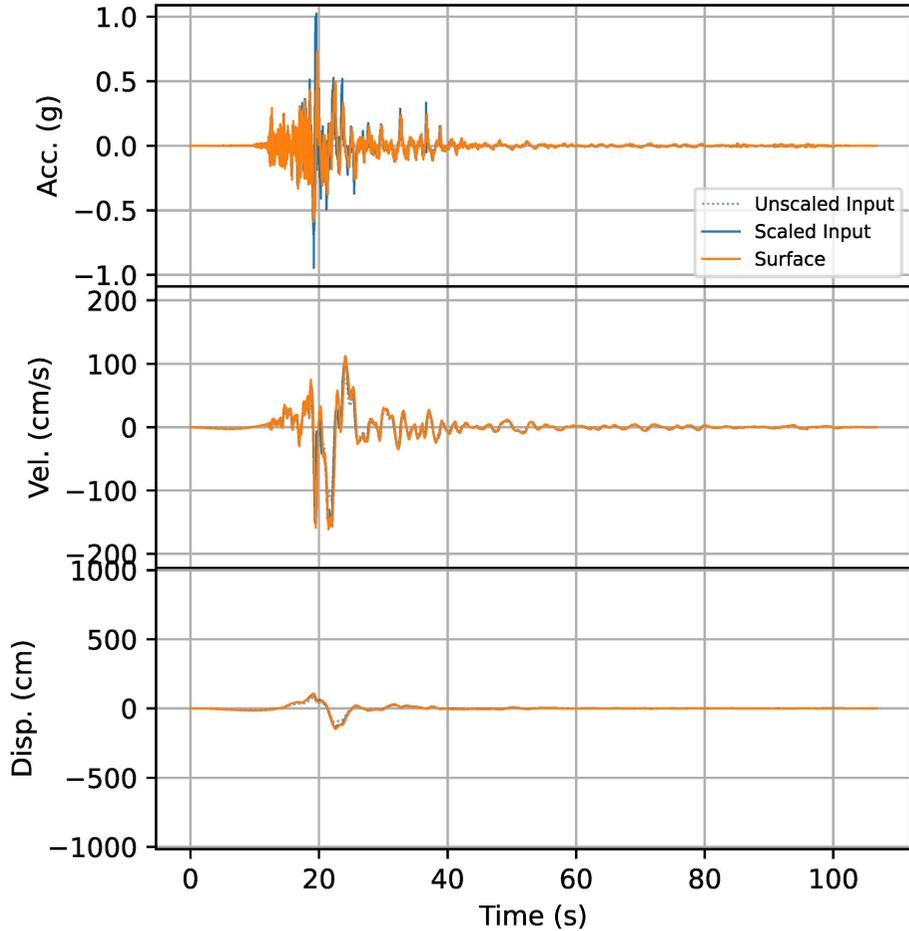
By: KSH 07/11/2024
Checked:

Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA
HGI Project No. 24035.001



Time Series
 MCE_R
1999 Chi-Chi, Taiwan ($M = 7.62$)
Record: TCU051
(RSN 1491)

H1 Component



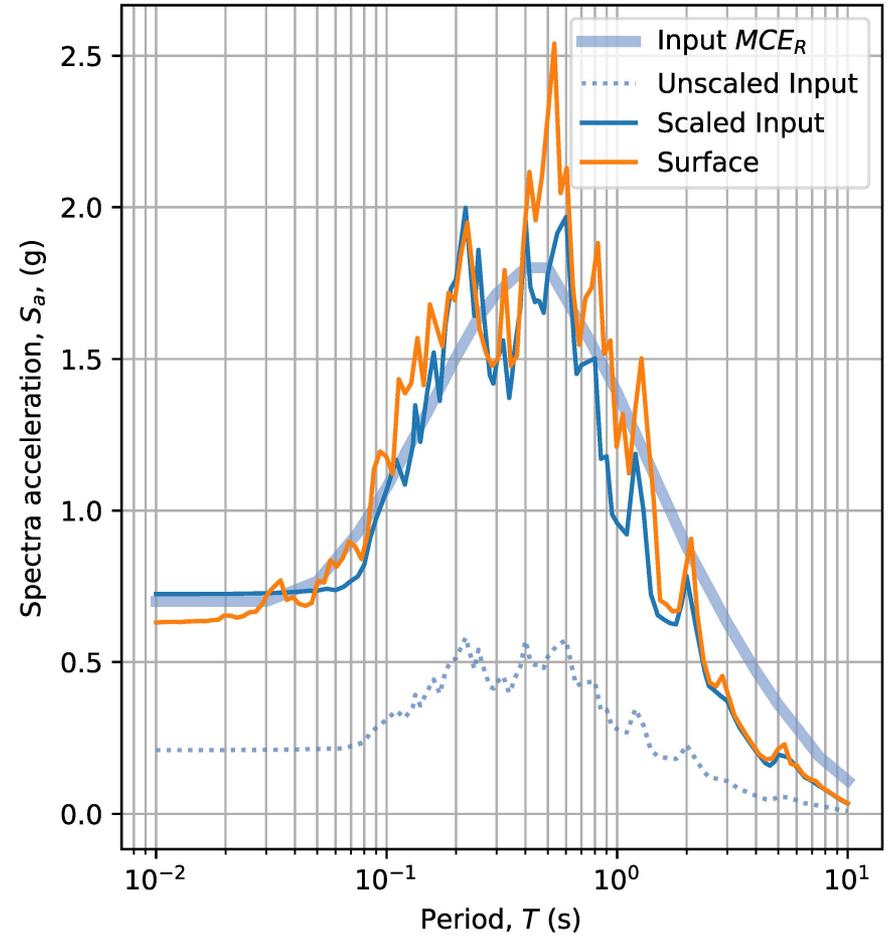
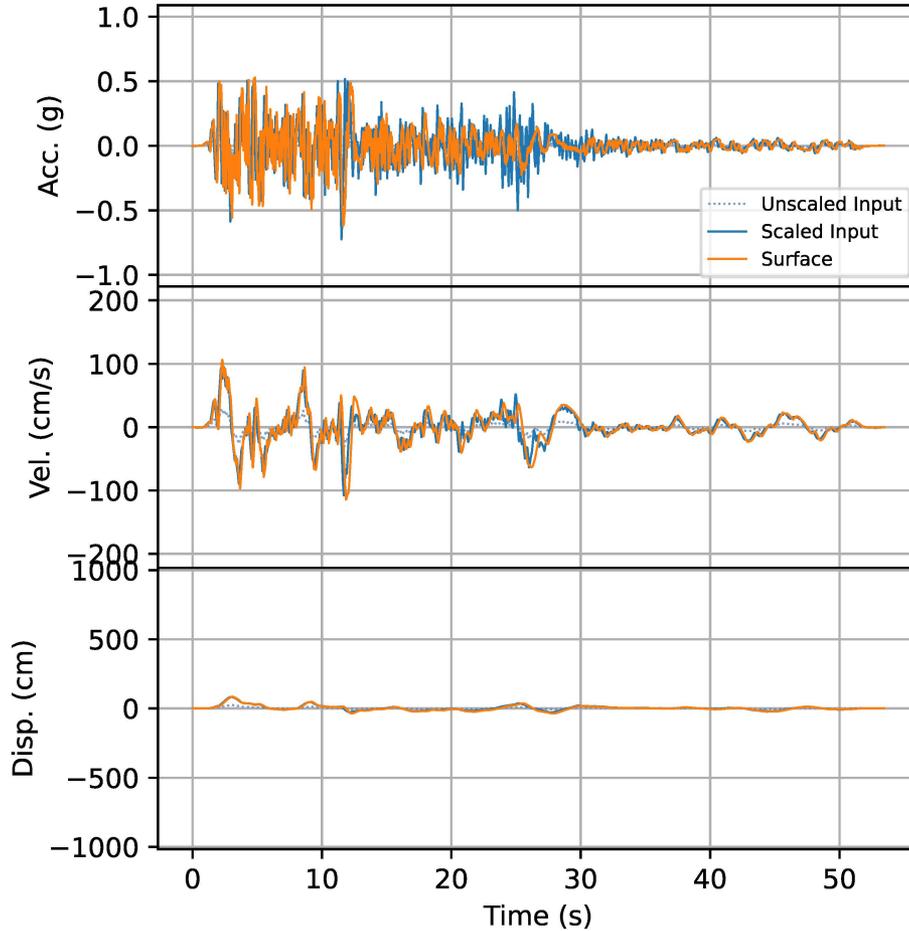
By: KSH 07/11/2024
Checked:

Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA
HGI Project No. 24035.001



Time Series
 MCE_R
2010 Darfield, New Zealand ($M = 7.0$)
Record: GDLC
(RSN 6906)

H2 Component



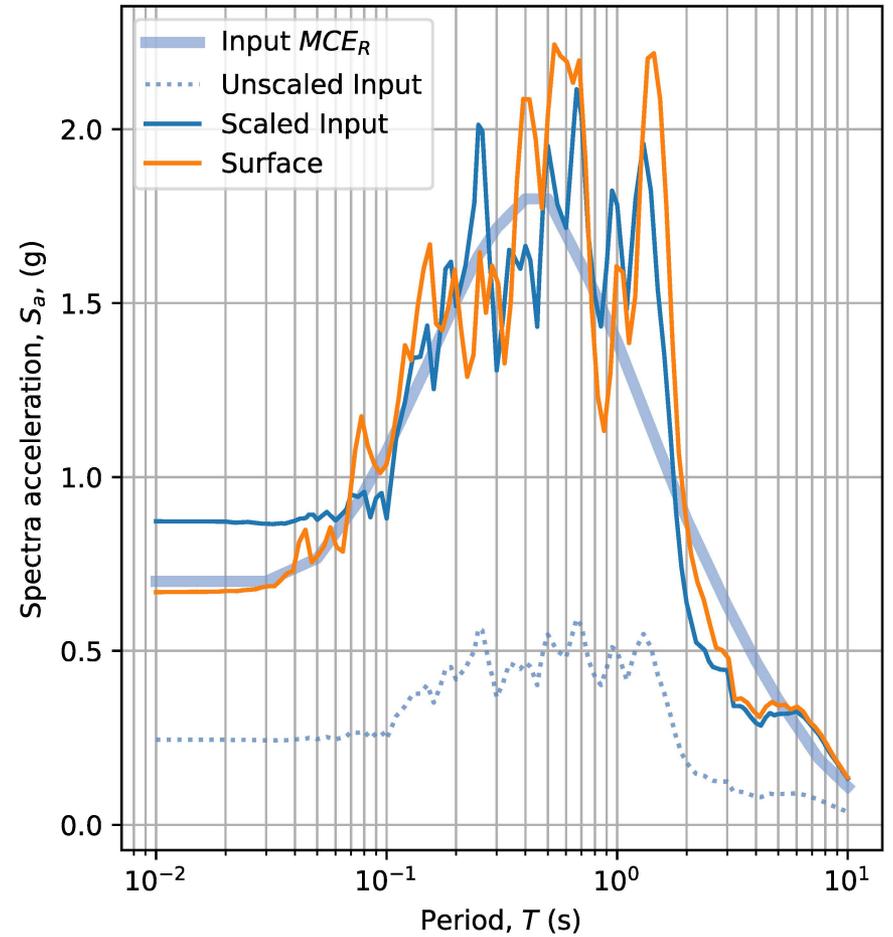
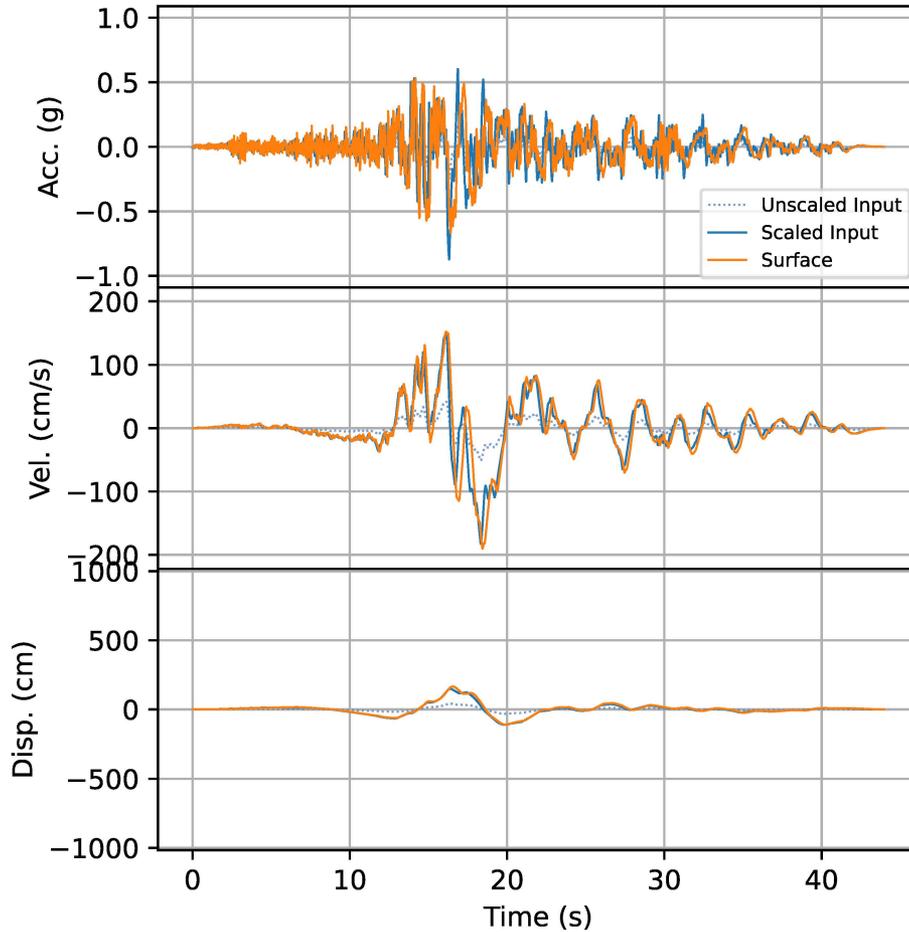
By: KSH 07/11/2024
Checked:

Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA
HGI Project No. 24035.001



Time Series
 MCE_R
1940 Imperial Valley-02 ($M = 6.95$)
Record: El Centro Array #9
(RSN 6)

H1 Component



By: KSH 07/11/2024
Checked:

Site Response Analysis
Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA
HGI Project No. 24035.001



Time Series
 MCE_R
1992 Landers ($M = 7.28$)
Record: Yermo Fire Station
(RSN 900)

**GEOLOGIC AND SEISMIC HAZARDS EVALUATION
PROPOSED IMPROVEMENTS TO
BRACHER ELEMENTARY SCHOOL**

**2700 CHROMITE DRIVE
SANTA CLARA, CALIFORNIA**

**JANUARY 23, 2023
PROJECT NO. PA22.1054.00**

SUBMITTED TO:

**Santa Clara Unified School District
1889 Lawrence Road
Santa Clara, CA 95051**

PREPARED BY:

**Geo-Logic Associates
6300 San Ignacio, Suite A
San Jose, California 95119
(408) 778-2818**

**GEOLOGIC AND SEISMIC HAZARDS EVALUATION
PROPOSED BRACHER ELEMENTARY SCHOOL IMPROVEMENTS
2700 CHROMITE DRIVE
SANTA CLARA, CALIFORNIA**

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Results of Liquefaction Analyses

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1. INTRODUCTION

This report presents the results of our engineering geologic and seismic hazards (geohazards) evaluation in support of the proposed improvements to Bracher Elementary School located at 2700 Chromite Drive, Santa Clara, Santa Clara County, California. Based on the results of our study, we conclude that the site is geologically suitable for the proposed improvements.

We understand from California Geological Survey (CGS), geologic and geotechnical reviewing agency for California Division of the State Architect (DSA), that shade structures are subject to CGS review because of the common presence of students and staff. The current building code is the 2022 California Building Code (CBC). Many of the provisions in the 2022 CBC reference American Society of Civil Engineers (ASCE) 7-16 (issued in 2016).

Our firm has prepared a geotechnical study report for the project. The geotechnical study report is dated January 20, 2023, Project PA22.1054.

1.1 Project Location and Description

The site location is depicted on the Site Location and Seismic Hazard Zones Map (Figure 1) and Regional Geologic Map (Figure 2) of this report. The latitude and longitude of the site, in decimal degrees, are 37.36675 degrees north and -121.97539 degrees west, respectively.

The project will involve construction of new shade and play structures on the campus. Site grading associated with this project is anticipated to involve shallow cuts and fills of about 1 to 2 feet because of the essentially flat-lying topography across the project site. Deeper excavations will be necessary for installation of new underground utilities and construction of foundations.

The above project descriptions are based on information provided to us. If the actual project differs from those described above, Geo-Logic Associates (GLA) should be contacted to review our findings, conclusions, and recommendations and present any necessary modifications to address the different project development schemes.

1.2 Information Provided

For this study, Santa Clara Unified School District provided us with the following information.

- A drawing titled “Bracher ES Play Area Upgrades” which shows the layout of existing and proposed improvements on the campus. The drawing was dated October 19, 2022.

1.3 Purpose and Scope of Services

The purpose of this study was to characterize the geologic conditions of the Bracher Elementary School campus; evaluate the geologic suitability of the site for the proposed improvements;

evaluate seismic hazards; and develop seismic parameters for structural design. In preparing this report, we have consulted the following guidelines and publications: 1) CGS Special Publication 117A (Guidelines for Evaluating and Mitigating Seismic Hazards); 2) CGS Note 48 (Checklist for Review of Engineering Geology and Seismology Reports for Public Schools, Hospitals, and Essential Services Buildings); and 3) DSA IR A-4 (Geohazard Report Requirements: 2019 CBC).

For this study, we completed the following scope of work.

1. Reviewed available geologic maps and literature regarding the site and its environs, including the State of California and County of Santa Clara geologic and geohazards maps.
2. Researched and reviewed historic seismicity resulting in significant strong ground shaking in the site vicinity.
3. Reviewed historic aerial imagery encompassing the site.
4. Performed a site reconnaissance to observe current site conditions.
5. Reviewed subsurface information from our geotechnical study for this project.
6. Analyzed the geologic and seismic information collected.
7. Developed peak ground acceleration for the site and performed analyses to evaluate the potential for liquefaction, cyclic softening of fine grained soils, and lateral spreading.
8. Developed conclusions regarding the geologic suitability of the site for the proposed project, with hazards addressed including liquefaction potential and other geologic hazards.
9. Prepared this report presenting our findings, conclusions, and recommendations.

Our scope did not include evaluation of the site or property for the potential presence of hazardous substances (i.e. environmental site assessment).

2. REGIONAL SETTING

2.1 Physical Setting and Site Terrain

The site is located south of San Francisco Bay, near the axis of the Santa Clara Valley, approximately half way between the Santa Cruz Mountains (to the west) and the Diablo Range (to the east). Locally, the ground surface is nearly flat, with very low gradient alluvial deposits derived from the Santa Cruz Mountains. The alluvial deposits on which the site sits were constructed primarily by the Guadalupe River, Saratoga Creek, and Calabazas Creeks, in turn fed by small creeks draining the Santa Cruz Mountains. The site is at an approximate elevation of 52 feet above mean sea level (msl), interpolated from 5-foot-interval contours on the USGS San Jose West 7.5' quadrangle (see Figure 1).

2.2 Drainage and Groundwater

Natural drainage in the area is generally toward the north, toward the very southern tip of San Francisco Bay. Saratoga Creek passes approximately 1,700 feet east of the site and its invert is roughly 15 to 20 feet below the adjacent ground surface (bgs). Calabazas Creek passes approximately 3,670 feet west of the site and its invert is roughly 13 to 15 feet bgs. Guadalupe River passes approximately 2.2 miles northeast of the site.

Regional groundwater data was compiled by the California Geological Survey as they prepared Seismic Hazard Zone Report 058, San Jose West 7.5-minute Quadrangle that encompasses the site (CGS, 2002). Groundwater contouring shown on Plate 1.2 of the Seismic Hazard Zone Report indicates historically high groundwater depth at the site was about 8 to 9 feet.

During this study, groundwater was encountered at a depth of about 18.5 feet in our drill hole DH-1, and at a depth of about 13.5 in DH-3 at the time of drilling. The groundwater depth fluctuated to about 20.5 and 9 feet bgs, respectively, after completion of drilling. Groundwater was not encountered in DH-2 due to its side wall being “sealed” by the clayey soil.

2.3 Regional Geologic Setting

The site is mapped by Wentworth and others (1999) as being at the transition from levee deposits of Holocene age (map unit Qhl) under much of the site to Holocene basin deposits (map unit Qhb) in the western portion of the site (see Figure 2). In general, the alluvial deposits become finer in particle size with distance from the mountain front; the site is approximately two-thirds of the way from the range front to the modern Bay margin.

The levee deposits (map unit Qhl) are described by Wentworth and others (1999) as consisting of “sandy and clayey silt ranging to sandy and silty clay, loose and moderately to well sorted, coarser along Coyote Creek than along the smaller streams, generally well drained; deposited adjacent to the stream courses where spreading flood waters first slow and begin to deposit

suspended sediment, thereby building natural levees that stand higher than the adjacent streams and flood plains basins.”

The basin deposits (map unit Qhb) are described as consisting of “dark-colored clay and very fine silty clay, rich in organic material, deposited beyond the levees and flood plains in the flood basins where stilling flood waters drop their finest sediment.” Our experience indicates that alluvial deposits at this point along the fan profile can be somewhat internally variable, commonly including both finer and coarser lenses, reflecting lateral channel migration, and meander cut-offs.

Portions of Knudsen and others’ (2000) geologic mapping (as well as unpublished mapping) were considered in preparation of a simplified Quaternary geologic map of the San Jose West quadrangle incorporated in the local Seismic Hazard Zone Report 058 (CGS, 2002). Plate 1.1 of that report shows the site as being underlain by both Holocene alluvial fan (Qhff) deposits, fine grained facies. A more recent regional Quaternary geologic and liquefaction study by Witter and others (2006) maintains Knudsen and others’ geologic mapping.

2.4 Regional Geohazards Mapping

According to CGS’s Seismic Hazard Zone map for the San Jose West 7.5’ quadrangle (CGS, 2002), the site is located in a liquefaction hazard zone but not in a landslide hazard zone (see Figure 1). Our recent review at the CGS Earthquake Zones of Required Investigation website (in January 2023) confirms that the project site is located in a State liquefaction hazard zone, but not in an earthquake fault zone nor a landslide hazard zone.

The site is located within a liquefaction hazard zone, as defined by the County of Santa Clara (Santa Clara County, 2012). The County’s liquefaction zone closely matches that of CGS in the general site vicinity. The site does not lie within a County of Santa Clara fault rupture hazard zone, or “combined hazards” zone (including landsliding).

Knudsen and others (2000) prepared a nine-county evaluation of liquefaction potential that encompasses the site. The site is shown as lying within an area of “moderate” liquefaction susceptibility.

As noted above, the regional liquefaction potential prepared by Witter and others (2006) maintains Knudsen and others’ geologic mapping and assessment of liquefaction susceptibility as “moderate.”

Youd and Hoose (1978) prepared a report (U.S.G.S. Professional Paper 993) documenting historic ground failures in northern California triggered by earthquakes, including the 1906 San Francisco earthquakes and other northern California earthquakes between 1769 and 1970. There are no reported ground failures in the vicinity of the school campus, as shown on Plate 2 of the report.

Holzer (1998) prepared a report (U.S.G.S. Professional Paper 1551-B) documenting liquefaction and associated ground-failure effects related to the 1989 Loma Prieta earthquake. There are no reported liquefaction and associated ground-failure effects in the vicinity of the school campus, as shown on Plate 1 of the report.

2.5 Faulting and Seismicity

2.5.1 Local Faults

As discussed above, the project site is not located in a State of California nor a County of Santa Clara fault rupture hazard zone.

The site's location places it in an area which has been repeatedly closely scrutinized by others for evidence of active faulting and surface deformation, with the most recent evaluations focusing on deformation associated with the Monte Vista/Shannon fault, which is the most outboard and most recent/active of the family of west-dipping thrusts rooted in the Santa Cruz Mountains bend of the San Andreas fault (McLaughlin and others, 2001). None has been observed in the site vicinity that are of concern to the project.

Lineaments clustered near the Santa Cruz Mountains range front have been the focus of investigations since the 1989 Loma Prieta earthquake (Hitchcock and others, 1994); the site is located outboard of those zones of study.

2.5.2 Seismic Sources

Potential sources of significant earthquake ground shaking at the site are presented and discussed below under Section 4 (Seismic Hazard Evaluation).

3. SITE CONDITIONS

3.1 Surface Conditions

The school property is bordered by Chromite Drive to the north, Bowers Avenue to the west, residential properties and Bonnie Drive to the south, and residential properties to the east. Main access to the site is from Chromite Drive. Existing improvements are located mainly in the western portion of the campus and the eastern portion of the campus is currently a grass field. There are scattered trees throughout the campus. The site for the shade structures is in the asphalt paved playground area east of the existing school buildings.

Topography across the campus is quite flat, and nearly level. The site surface slopes down gently towards the northeast. Total relief across the school campus is about 3 feet, based on our review of topographic information on Google Earth.

Because of the site's location on a very gently northward-sloping alluvial surface, the details of surface drainage patterns are not pronounced, and are much modified by campus development. Locally on the campus, and offsite in the surrounding developed areas, area drains and gutters collect surface runoff and convey it to the City storm drain network.

3.2 Existing Improvements and Previous Land Use/Grading

The Bracher Elementary School campus (see Figure 5) has several one-story buildings (permanent and portable), paved access driveways, a paved parking lot, paved playground areas, concrete flatwork, and landscaping. The eastern portion of the campus is primarily a grass field. There are no high retaining walls. Interspersed between the buildings are walkways and landscaped areas. Details regarding the type and dimension of the existing structure foundations are not known.

Previous land use in the site vicinity was primarily as orchard land, which yielded to urban residential usage over time between roughly WWII and the 1960's. Widely scattered remnant small orchard pockets are still visible in residential backyards in the general vicinity.

3.3 Subsurface Information

3.3.1 Subsurface Data – Regional

Regional 3-D geologic and seismic velocity syntheses by the US Geological Survey (USGS) of Santa Clara Valley subsurface geology interpret the site to be underlain by "alluvial fan" deposits of Quaternary age, overlying Franciscan Complex metamorphic rocks at depth. Dedrick and others (1975) contoured the base of "water-bearing" sediments for the northern Santa Clara Valley – essentially the unconformable base of the Santa Clara Formation. Our review of Plate 4 "Approximate Depth to Base of Water-bearing Sediments" indicates two wells or test holes in

the vicinity of Bracher Elementary School which extended to 697 and 1,010 feet did not encounter nonwatery-bearing rock.

Holzer and Galloway (2005) studied impacts of land subsidence caused by withdrawal of underground fluids in the United States. Our review of Figure 5 in their technical paper indicates subsidence of roughly 6 to 8 feet in the vicinity of the school campus between 1934 and 1967. Due to groundwater recharge program by the Santa Clara Valley Water District, this trend has been halted.

3.3.2 Subsurface Exploration

As part of our geotechnical study for the project, three exploratory drill holes (DH-1 through DH-3) were advanced on November 21, 2022 using a truck-mounted Mobile B-53 drilling rig equipped with 8-inch diameter hollow-stem augers. Depth of exploration ranged between roughly 20 and 50 feet bgs. The approximate locations of the drill holes are shown in Figure 5.

Soil samples were obtained using a 2-inch outside diameter (O.D.; 1.4-inch inside diameter, I.D.) split-barrel sampler (also called a Standard Penetration Test sampler) and a 3-inch O.D. (2½-inch I.D.) split-barrel sampler. Soil samples were obtained by driving the sampler up to 18 inches into the earth material using a 140-pound automatic trip hammer falling 30 inches. The number of blows required to drive the sampler was recorded for each 6-inch penetration interval. The number of blows required to drive the sampler the last 12 inches, or the penetration interval indicated on the log when harder material was encountered, is shown as blows per foot (blow count) on the drill hole logs.

In the field, our personnel visually classified the materials encountered and maintained a log of each drill hole. Visual classification of soils encountered in our drill holes was made in general accordance with the Unified Soil Classification System (ASTM D 2487 and D 2488). The results of our laboratory tests were used to refine our field classifications. Two Keys to Soil Classification, one for fine grained soils and one for coarse grained soils, are included in Appendix A, together with our drill hole logs.

3.3.3 Subsurface Conditions

In drill hole DH-1, a pavement section consisting of approximately 1 inch of asphalt concrete over approximately 5 inches of base rock was encountered at the ground surface. The pavement is underlain by stiff to hard clay of intermediate plasticity to a depth of about 8 feet below ground surface (bgs). This clay is underlain by loose to medium dense clayey sand to a depth of about 12 feet bgs, firm clay to a depth of about 24.5 feet bgs, very dense poorly graded sand with gravel to a depth of about 27 feet bgs, soft to firm to stiff clay to a depth of about 37 feet bgs, firm to stiff lean clay to a depth of about 43 feet bgs, medium dense poorly graded sand to a depth of about 46 feet bgs, and stiff clay to the maximum explored depth of about 50 feet bgs.

Drill hole DH-2 was located in the east-central portion of the playground area. In DH-2, a layer of very stiff clay of intermediate plasticity was encountered below ground surface to a depth of about 8 feet bgs. This clay is underlain by loose to medium dense clayey sand to a depth of about 12 feet bgs, firm to stiff clay to a depth of about 17 feet bgs, and stiff clay to the maximum explored depth of about 20 feet bgs.

Drill hole DH-3 was located in the grass field east of the southernmost existing play structure. In DH-3, a layer of stiff to very stiff clay of intermediate plasticity was encountered to a depth of about 7 feet bgs. This clay is underlain by medium dense clayey sand to a depth of about 12 feet bgs, medium dense to dense poorly graded sand to a depth of about 16 feet bgs, and stiff clay to the maximum explored depth of about 20 feet bgs.

3.3.4 Groundwater Data

Groundwater was encountered in DH-1 and DH-3 at a depth of about 18.5 and 13.5 feet bgs, respectively, at the time of drilling, and at a depth of about 20.5 and 9 feet bgs, respectively, after completion of drilling. Groundwater was not encountered in DH-2.

Our review of Plate 1.2, ““Depth to historically high ground water, historical liquefaction sites, and locations of boreholes, San Jose West 7.5-minute Quadrangle, California,” Seismic Hazard Zone Report 058, prepared by California Geological Survey, Department of Conservation, 2002 indicating that historically high groundwater level at the site was about 8 to 9 feet.

It should be noted that fluctuations in the groundwater level may occur due to seasonal variations in rainfall and temperature, water level in the nearby creeks, pumping from wells, regional groundwater recharge program, irrigation, or other factors that were not evident at the time of our study.

3.3.5 Laboratory Testing

Geotechnical laboratory testing was conducted on selected soil samples collected from our drill holes. These tests included moisture content, dry density, Atterberg limits, sieve analysis, and percent passing a No. 200 sieve. The laboratory test results are presented on the drill hole logs at the corresponding sample depths. Graphic presentations of the results of the Atterberg limits and sieve analysis tests are presented on separate sheets in Appendix B.

In addition to geotechnical testing, two selected soil samples were sent to CERCO Analytical for corrosivity analysis. A brief report from CERCO Analytical with the corrosivity test results is included in Appendix B.

4. SEISMIC HAZARD EVALUATION

4.1 General

This section presents a summary of the site-specific seismic hazards for the Bracher Elementary School campus. The intent of this seismic hazard evaluation is to address requirements in CGS Note 48 and the 2022 CBC. For applicable school site projects, geologic and seismic hazard evaluations are reviewed by the CGS for the DSA.

According to Section 2.3 of DSA IR A-4.13, a geohazard report is required for all new buildings or structures on existing sites, except as delineated in Section 3 of IR A-4.13. This project does not meet the exceptions outlined in Section 3 of IR A-4.13.

The 2022 California Administrative Code (CAC) Chapter 4 Section 4-317(e) requires a geologic and earthquake hazard report to be submitted for all new school sites and for all construction of existing school sites located in a Seismic Hazard Zone, an Alquist-Priolo Earthquake Fault Zone, or in a seismic hazard zone designated in the Safety Element of a Local General plan. Section 1803A.6 of the 2022 CBC discusses the requirements for a geohazard report.

4.2 Site Classification and Seismicity

4.2.1 Site Classification for Seismic Design

For this study, blow counts (uncorrected) measured in the three drill holes ranged from 7 blows per foot (bpf) to 82 bpf. The lowest blow count of 7 bpf was found in DH-1 in a layer of lean clay at a depth of approximately 14 feet bgs. Unconfined shear strength, as measured by a pocket penetrometer, ranges between 250 and 4,500 pounds per square foot (psf). The lowest unconfined shear strength was measured in DH-1 at a depth of approximately 14.5 feet bgs.

Our review of published shear wave velocity (V_{S30}) values at the U.S.G.S. "A Compilation of V_{S30} Values in the United States" webpage indicates the V_{S30} in the vicinity of the project site ranges between 200 and 300 meters per second (m/s).

Based on our review of the drill hole information and the published V_{S30} values in the vicinity of the project site, a Site Class D was selected for the site.

The site would normally be Site Class F because it is underlain by potentially liquefiable soils (see Section 4.5 below). But if the fundamental period of vibration of the proposed structures is less than 0.5 second, which is typical for shade and play structures, the site class can be determined by assuming there is no liquefaction (ASCE 7-16 Section 20.3.1). Therefore, Site Class D was selected for the project site.

4.2.2 Proximity to Seismic Sources

The Greater San Francisco Bay Area is seismically dominated by the active San Andreas Fault system, the tectonic boundary between the northward moving Pacific Plate (west of the fault) and the North American Plate (east of the fault). This movement is distributed across a complex system of generally strike-slip, right-lateral, and subparallel faults.

Potential sources of significant earthquake ground shaking at the site include several active and potentially active faults in the general San Francisco Bay area, as well as faults farther afield. Figure 3 shows selected major active seismic sources in the region encompassing the site, classed by level of activity. The faults shown on Figure 3 were first compiled on the State’s Fault Activity Map (Jennings, 1974; Jennings and Bryant, 2010). This map has now been integrated into the US Geological Survey’s Quaternary Fault and Fold Database and made available as a .kmz “drape” over Google Earth terrain files.

The distance to a seismic source (fault) is defined by the NGA relationships as the closest distance to the seismogenic zone, be it in the subsurface or at the surface; distances may therefore differ from distances measured on the ground surface. The distances shown on the table below are for reference only, as they are horizontal distances from the site to the surface trace of the seismic source, and not necessarily the closest distance to a (dipping) seismogenic zone. These distances were measured using the US Geological Survey’s Quaternary Fault and Fold Database, with major faults listed in approximate order of distance from the site; not all sources are listed in the summary table below.

Table 4.2.2-1 Approximate Distance and Orientation Between Site and Nearby Faults		
Fault Name	Approximate Distance	Orientation from Site
Monte Vista-Shannon	9 km	Southwest
Hayward	13 km	East
San Andreas (Sta. Cruz Mts)	15½ km	Southwest
Calaveras (central segment)	17½ km	East
Sargent	25 km	South
San Gregorio	37 km	Southwest
Zayante-Vergeles	37½ km	Southwest
Greenville	41½ km	East
Monterey Bay-Tularcitos	50½ km	South

4.2.3 Historic Seismicity

We researched historic seismicity affecting the site using several resources, including Sleeter and others (2004), Topozada and others (1978), and Topozada and others (2000). Figure 4 shows epicenters for earthquakes of magnitude 5 or greater, for the time period 1800 – 1999 (Topozada and others [2000]; CGS Map Sheet 49). Shown as well are the areas considered to

have been “damaged” by these earthquakes. Both the epicenters and estimates of magnitude are quite approximate for events predating modern seismic networks. Damage areas as well are approximate, as they are greatly influenced by type of construction and density of settlement, and depend in part on the accuracy and completeness of newspaper and historic accounts.

As Figure 4 shows, historic damaging earthquakes that affected the site vicinity have been fairly tightly clustered along the San Andreas, Calaveras and Hayward faults. Historic accounts indicate that damaging historic earthquakes have been clustered primarily along non-creeping segments of the San Andreas, Hayward and Calaveras faults. A regional synthesis of damage accounts (Topozada and others, 2000) indicates that a minimum of about 5 events have caused ground shaking of Modified Mercalli Intensity VII or greater at the site. Ground shaking of intensity VII is defined as “People have difficulty standing. Drivers feel their cars shaking. Some furniture breaks. Loose bricks fall from buildings. Damage is slight to moderate in well-built buildings; considerable in poorly built buildings.”

The more recent seismicity bears out these same trends. Sleeter and others (2004) catalogs earthquakes greater than magnitude 1.5 for 1970 – 2003. The epicenters for this time period are strongly clustered along the major mapped faults, the closest being the San Andreas, San Gregorio and faults closely associated with the San Andreas (e.g. Sargent).

Of historic earthquakes affecting the site vicinity, perhaps the most notable apart from San Andreas and Hayward fault events are 10 earthquakes greater than moment magnitude (M_w) 5.0 that occurred along the Calaveras fault during historic time alone: 1861, 1897, 1899, 1911, 1943, 1949, 1955, 1979, and 1984 (Witter and others, 2003). All but the first of these occurred on the central segment. The magnitudes for many of these earthquakes were fairly close, suggesting a characteristic earthquake of M_w 6.2 for the central segment.

Our review of the probabilistic earthquake shaking hazard map available on the Association of Bay Area Governments (ABAG) website indicates the project area is classified as severe shaking (MMI 8). According to USGS, the effects of MMI 8 include “slight damage in specifically designed structures; considerable damage in ordinary substantial buildings with partial collapse; great damage in poorly built structures; fall of chimneys, factory stacks, columns, monuments, walls, and heavy furniture overturned.”

4.2.4 Future Seismicity

The Working Group on California Earthquake Probabilities’ (WGCEP) estimates of the probabilities of major earthquakes are now in their sixth iteration, with the greatest changes in approach being the inclusion of multifold rupture scenarios, in the progressive consideration of more potential seismic sources, the possibility of earthquakes on unrecognized faults, and the inclusion of the notion of fault “readiness”. Current estimates (WGCEP, 2014) for the San Francisco region indicate a 72% probability of a large (magnitude 6.7 or greater) earthquake in the San Francisco Bay area as a whole over the 30-year period beginning in 2014; this overall

probability is greater than the previous (WGCEP, 2007) probability of 63%, due mainly to the inclusion of multi-fault rupture scenarios. The estimate for the Calaveras fault alone is 14.4% (revised up from the 7% presented by WGCEP, 2007); for the (northern) San Andreas fault alone, 27.4% (revised upward from the WGCEP (2007) value of 21%); and for the Hayward fault, 45.3% (revised upward from the WGCEP (2007) value of 31%).

4.3 Ground Motion

According to the 2022 California Building Code (CBC) and American Society of Civil Engineers (ASCE) Standard 7-16, the spectral response acceleration at any period can be taken as the lesser of the spectral response accelerations from the probabilistic and deterministic ground motion approaches. The U.S. Seismic Design Maps tool available at the Structural Engineers Association of California (SEAOC) website was used for this purpose to retrieve seismic design parameter values for design of buildings at the subject site. Two levels of ground motions are considered in the Application: Risk-targeted Maximum Considered Earthquake (MCE_R) and Design Earthquake (DE), with both probabilistic and deterministic values defined in terms of maximum-direction rather than geometric-mean, horizontal spectral acceleration (S_a). The probabilistic MCE_R spectral response accelerations are represented by a 5 percent damped acceleration response spectrum having a 1 percent probability of collapse within a 50-year period and in the direction of the maximum horizontal response. The probabilistic Design Earthquake (DE) S_a value at any period can be taken as two-thirds of the $MCE_R S_a$ value at the same period.

Using the SEAOC Seismic Design Maps application, a site Class D (see Section 4.2.1 above), and the latitude and longitude of the site (latitude 37.36675° N, longitude -121.97539° W), the calculated geometric mean peak ground acceleration adjusted for site class effects (PGA_M) for the MCE_G (Geometric Mean Maximum Considered Earthquake) is 0.55g.

4.4 Seismic Design Parameters

Design of the proposed structures should comply with design for structures located in seismically active areas. Structures should be designed in accordance with the requirements of governing jurisdictions and applicable building codes. GLA evaluated ASCE 7-16 seismic design parameters for the site using the SEAOC U.S. Design Maps application. The table below lists the seismic design parameters for the site. Note that, in accordance with Section 11.4.8 of ASCE 7-16, a ground motion hazard analysis is required because the Mapped Spectral Acceleration at 1.0-second Period (S_1) value for the site is larger than 0.2g, unless the exceptions in Section 11.4.8 are met. This should be verified by the structural engineer.

Table 4.4-1 Seismic Design Parameters Based on 2019 CBC & ASCE 7-16

Seismic Design Parameter	Value
Site Class	D
Site Coefficient, F_a	1.0
Site Coefficient, F_v	1.7
Mapped Spectral Acceleration at 0.2-second Period, S_s	1.5 g
Mapped Spectral Acceleration at 1.0-second Period, S_1	0.6 g
Spectral Acceleration at 0.2-second Period Adjusted for Site Class, S_{MS}	1.5 g
Spectral Acceleration at 1.0-second Period Adjusted for Site Class, S_{M1}	1.02 g
Design Spectral Response Acceleration at 0.2-second Period, S_{DS}	1.0 g
Design Spectral Response Acceleration at 1.0-second Period, S_{D1}	0.68 g
Long-period Transition Period, T_L	12 sec.

Note: The site would be Site Class F because it is underlain by liquefiable soils. But if the fundamental period of vibration of the structures is equal to or less than 0.5 second, the Site Class can be determined by assuming there is no liquefaction (ASCE 7-16 Section 20.3.1). Therefore, Site Class D was selected for this project. If the fundamental period of vibration of the structures is larger than 0.5 second, contact our office for a site-specific seismic response analysis.

4.5 Liquefaction Potential

Soil liquefaction is a phenomenon in which saturated granular soils, and certain fine-grained soils, lose their strength due to build-up of excess pore water pressure during cyclic loading, such as from earthquakes. Soils most susceptible to liquefaction are saturated, clean, loose, fine-grained sands and non-plastic silts. Certain gravels, plastic silts, and clays are also susceptible to liquefaction. The primary factors affecting soil liquefaction include: 1) intensity and duration of seismic shaking; 2) soil type; 3) relative density of granular soils; 4) moisture content and plasticity of fine-grained soils; 5) overburden pressure; and 6) depth to ground water.

The project site is located in a CGS Earthquake Zones of Required Investigation for liquefaction and a Santa Clara County liquefaction hazard zone (Santa Clara County, 2012).

We assessed the liquefaction potential at the site following the NCEER procedures, using the subsurface information from our drill holes, a peak ground acceleration of 0.55g, earthquake moment magnitude of 7.5, and a groundwater level of 8 feet bgs. The estimated liquefaction-induced total ground settlement is about 1.1 to 1.2 inches for the sandy soils encountered in our drill holes. The results of our liquefaction assessment are presented in Appendix C of this report.

4.6 Cyclic Softening of Fine-grained Soils

Ground failures in deposits of clays and plastic silts (i.e. cohesive soils) have been observed during earthquakes, but such failures are considerably less common than in deposits of saturated sands and other cohesionless soils (Idriss & Boulanger, 2008). The term “cyclic softening” is used in reference to strength loss and deformation in clays and plastic silts, while the term “liquefaction”

is used in reference to strength loss and deformation in saturated sands and other cohesionless soils (Idriss & Boulanger, 2008).

To evaluate the potential for cyclic softening of the clayey soils encountered in our drill holes, the criteria by Bray and Sancio, 2006 were used. The results of our analysis, as shown in the table below and in Figure C-1 in Appendix C, suggest the clayey soils are generally “not susceptible to cyclic softening”.

Drill Hole	Depth, ft	Water Content, %	Liquid Limit, %	Plastic Index, %	WC/LL	Cyclic Softening Susceptibility
DH-1	15	26	36	19	0.72	Not susceptible
DH-1	20	27	36	19	0.75	Not susceptible
DH-1	30	31	36	19	0.86	Not susceptible
DH-1	35	20	29	14	0.69	Not susceptible
DH-1	40	23	29	14	0.79	Not susceptible
DH-1	50	22	29	14	0.76	Not susceptible
DH-2	15	25	36	19	0.69	Not susceptible
DH-2	20	21	36	19	0.58	Not susceptible
DH-3	20	20	36	19	0.56	Not susceptible

4.7 Lateral Spreading

Lateral spreading is horizontal movement of soil toward a free face, such as a creek bank, typically associated with liquefaction. Liquefaction-induced lateral spreading can also occur on mild slopes (flatter than 5%) underlain by loose sands and shallow groundwater. If liquefaction occurs, the unsaturated overburden soil can slide as intact blocks over the lower, liquefied deposit, creating fissures and scarps. The potential for lateral spreading in general mirrors the potential for liquefaction, and the depth of the liquefiable soil layers with respect to the creek banks.

The nearest significant free face is Saratoga Creek, located approximately 1,700 feet east of the site and its axis is about 15 to 20 feet below the adjacent ground surface. In our opinion, the potential for lateral spreading to adversely affect the project site is low because there is no case history of lateral spreading where L/H is greater than 50 (L is the horizontal distance between the site and a free face and H is the vertical height of the free face) (personal communication with Dr. Peter K. Robertson, 2021).

4.8 Seismically-induced Settlement

As noted above, we conclude that some of the granular soils underlying the site are subject to liquefaction, with estimated potential liquefaction-induced ground settlement of about 1.1 to 1.2 inches.

Soils encountered above groundwater level in our drill holes are cohesive; therefore, potential settlement as a result of dynamic compaction of granular soils above groundwater is unlikely.

The above estimated settlement values are in addition to settlements which may result from foundation loads.

4.9 Other Geologic Hazards

This section addresses other geologic hazards listed in CGS Note 48.

- Our scope of work excludes a Phase I environmental site assessment of the site, and characterization of hazardous materials. Nevertheless, we are not aware of naturally occurring hazardous materials present at the site (e.g. serpentinite or tremolite with asbestiform mineral habit; methane, hydrogen sulfide; petroleum).
- Hydro-collapse of soils is a phenomenon that is typically associated with dry-climate settings, rather than a setting such as distal alluvial fan settings adjacent to the marine-influenced climate fringing the San Francisco Bay. In our judgment, the potential for hydro-collapse of on-site soils is very low. Furthermore, the site has been subjected to agricultural irrigation (commonly flood irrigation under early farming practices), and irrigation of non-paved lawn areas in years past.
- The site is located on flat land and not in a State of California nor a County of Santa Clara landslide hazard zone. The possibility of landslides to occur at the site is remote.
- Our analysis on the drill hole information suggests the fine-grained soils are generally not susceptible to cyclic softening, based on guidelines by Bray and Sancio, 2006.
- The results of our Atterberg Limits tests from this study suggest the near-surface soil has an intermediate plasticity which generally corresponds to a medium expansion potential. Refer to our geotechnical study report for mitigation of expansive soils.
- Holzer and Galloway (2005) studied impacts of land subsidence caused by withdrawal of underground fluids in the United States. Our review of Figure 5 in their technical paper indicates subsidence of roughly 6 to 8 feet in the vicinity of the school campus between 1934 and 1967. Due to groundwater recharge program by the Santa Clara Valley Water District, this trend has been halted.
- The site is not located in proximity to an active volcanic center (Jennings and others, 2010).

- According to the ASCE Tsunami Hazard Tool, the Bracher Elementary School campus is not in a tsunami design zone.
- According to FEMA National Flood Hazard Layer FIRM Map Panel 226 of 805, effective May 2009, the Bracher Elementary School campus is located in a Zone X with 0.2 percent annual chance flood hazard, and the Calabazas Creek is located in Zone A without a base flood elevation.
- Our review of information from the Department of Water Resources (DWR) Division of Safety of Dams (DSOD) indicates the school campus is located in an area with extremely high dam breach inundation hazard from Lenihan Dam.
- The site is not underlain by earth materials known to emit significant quantities of radon gas. According to the California - EPA (Environmental Protection Agency) Map of Radon Zones, Santa Clara County is in Zone 2 which has a “moderate” potential for average indoor radon screening levels ranging from 2 to 4 pCi/L.
- The site is underlain by several hundred feet of alluvium. Therefore, we judge the potential for naturally occurring asbestos such as in serpentinite rock is unlikely.
- Corrosivity testing has been performed during this study. A report from CERCO Analytical summarizing the corrosivity test results are included in Appendix B of this report.

5. CONCLUSIONS – GEOHAZARDS

This section summarizes our major conclusions, based on the findings of this study presented above.

5.1 General Summary

In our judgment, the site is geologically suitable for the proposed improvements.

5.2 Primary Seismic Hazards

In our judgment, the potential for fault ground rupture is low at the project site.

5.3 Secondary Seismic Hazards

In our judgment, the potential for strong earthquake ground shaking at the site is high. Seismic design criteria and their derivation are presented above, and elaborated on in our companion geotechnical report.

Our liquefaction assessment indicates the presence of soils subject to liquefaction, with estimated total ground settlement of about 1.1 to 1.2 inches.

Our analysis suggests the cohesive soils encountered in our drill holes are generally not susceptible to cyclic softening as a result of seismic shaking.

In our judgement, the potential for lateral spreading to affect the proposed site is low.

5.4 Geotechnical Considerations

Our companion geotechnical investigation report addresses geotechnical characteristics of soils at the site, including expansion potential, corrosion potential, and other special characteristics. Geotechnical design criteria are presented in that report, including foundation recommendations for mitigation of potential liquefaction-induced settlements.

6. LIMITATIONS

In preparing the findings and professional opinions presented in this report, Geo-Logic Associates (GLA) has endeavored to follow generally accepted principles and practices of the engineering geologic and geotechnical engineering professions in the area and at the time our services were performed. No warranty, express or implied, is provided.

The conclusions and recommendations contained in this report are based, in part, on information that has been provided to us. In the event that the general development concept or general location and type of structures are modified, our conclusions and recommendations shall not be considered valid unless we are retained to review such changes and to make any necessary additions or changes to our recommendations. To remain as the project Geotechnical Engineer-of-record, GLA must be retained to provide geotechnical services as discussed under the Post-report Geotechnical Services section of this report.

Subsurface exploration is necessarily confined to selected locations and conditions may, and often do, vary between these locations. Should conditions different from those described in this report be encountered during project development, GLA should be consulted to review the conditions and determine whether our recommendations are still valid. Additional exploration, testing, and analysis may be required for such evaluation.

Should persons concerned with this project observe geotechnical features or conditions at the site or surrounding areas which are different from those described in this report, those observations should be reported immediately to GLA for evaluation.

It is important that the information in this report be made known to the design professionals involved with the project, that our recommendations be incorporated into project drawings and documents, and that the recommendations be carried out during construction by the contractor and subcontractors. It is not the responsibility of GLA to notify the design professionals and the project contractors and subcontractors.

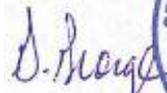
The findings, conclusions, and recommendations in this report are applicable only to the specific project development on this specific site. These data should not be used for other projects, sites, or purposes unless they are reviewed by GLA or a qualified geotechnical professional.

Sincerely,

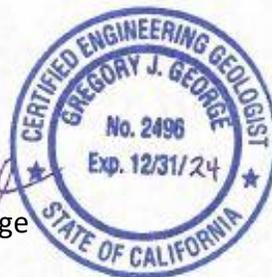
Geo-Logic Associates



Chalerm (Beeson) Liang
GE 2031



Gregory George
CEG 2496



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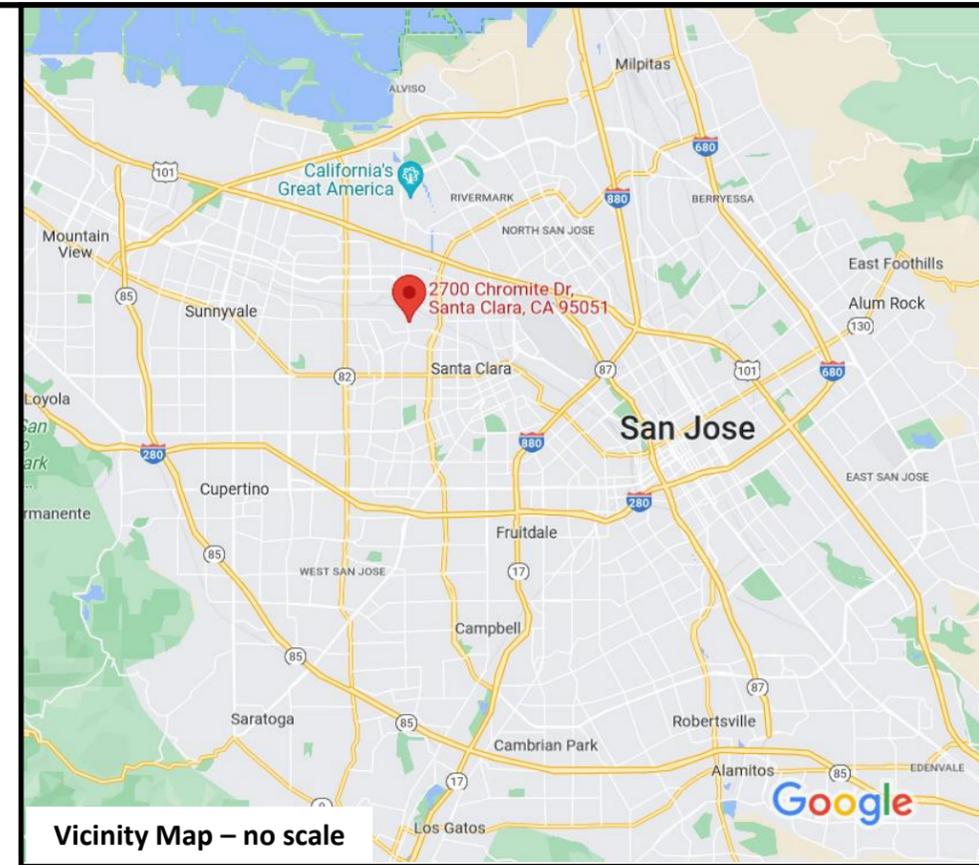
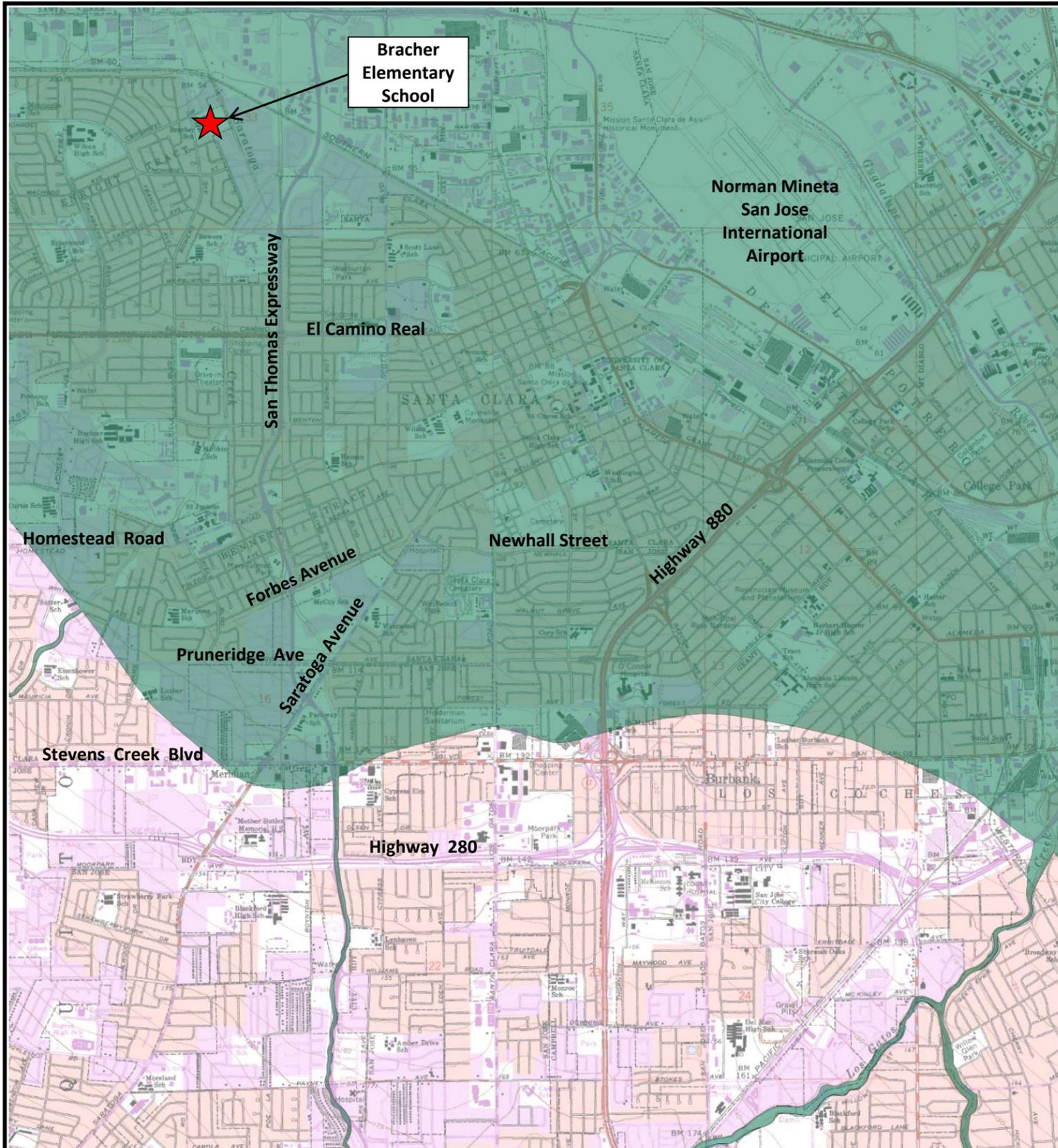
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7.2 Aerial Photographs

Black and white unless indicated

Date	Approx. Scale	Project	Source
6/13/93	N/A	BW	Google Earth
3/11/00	N/A	Color	Google Earth
10/30/02	N/A	Color	Google Earth
12/30/03	N/A	Color	Google Earth
03/20/15	N/A	Color	GoogleEarth
2/20/2018	N/A	Color	GoogleEarth
02/27/2022	N/A	Color	GoogleEarth

FIGURES



Vicinity Map – no scale

MAP EXPLANATION

SEISMIC HAZARD ZONES

Liquefaction Zones

Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

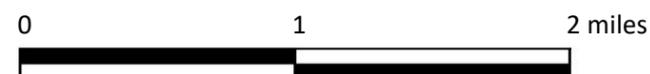


Earthquake-Induced Landslide Zones

Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



Base: Earthquake Zones of Required Investigation, Seismic Hazard Zones, San Jose West 7.5 minute Quadrangle, California Geological Survey, February 2002



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San Jose, California 95119
Phone (408) 778-2818

Drafted By:

Date: January 2023

Checked By:

Revision:

SITE LOCATION & SEISMIC HAZARD ZONES

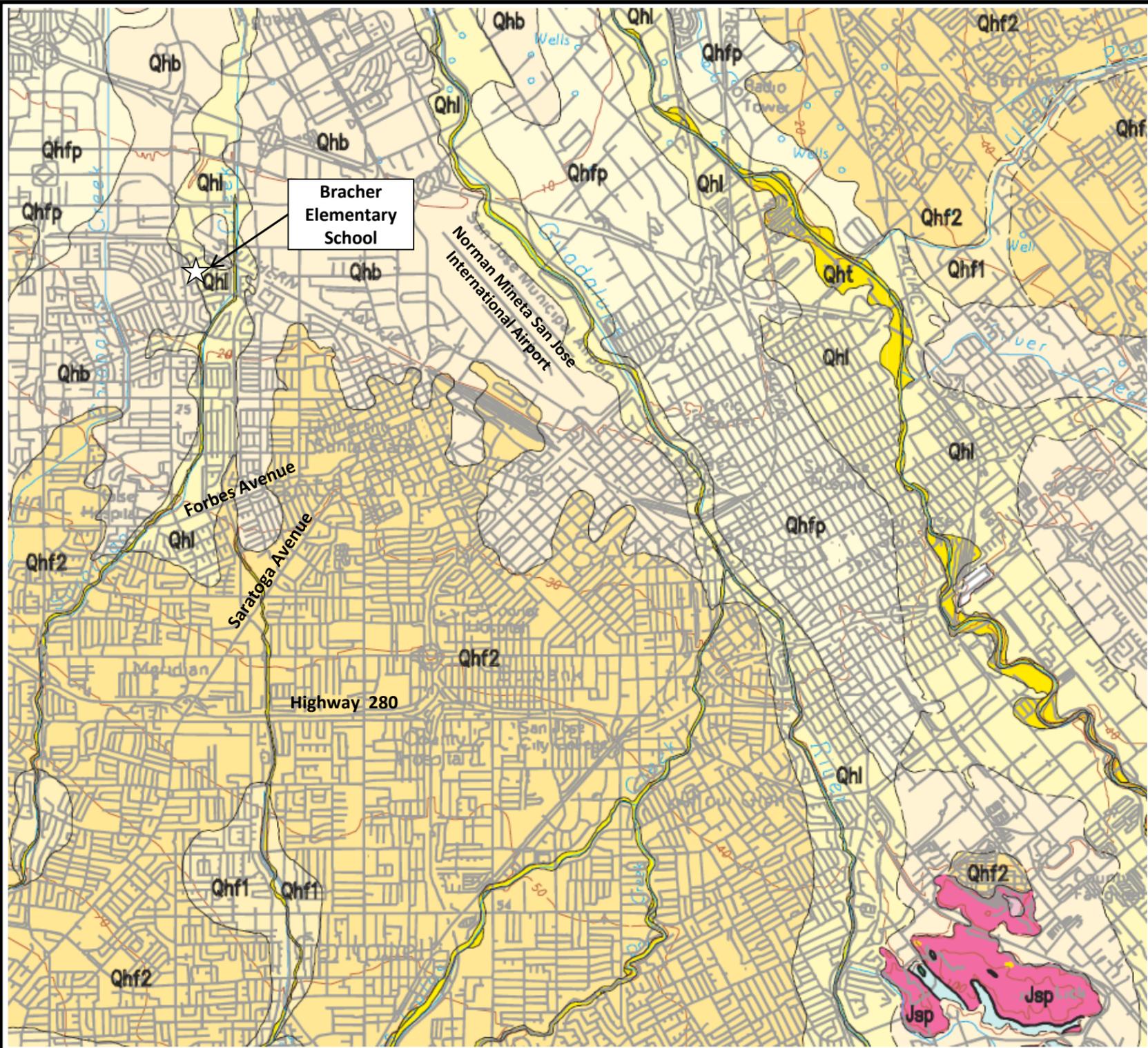
Bracher Elementary School
2700 Chromite Drive
Santa Clara, California

FIGURE

1

PROJECT

PA22.1054



EXPLANATION (selected units)

- Jsp** Serpentinized harzburgite and dunite
- Qhb** Basin deposits (Holocene)
- Qhf** Alluvial fan deposits (Upper Pleistocene)
- Qhf1** Younger alluvial fan deposits (Holocene)
- Qhf2** Older alluvial fan deposits (Holocene)
- Qhfp** Flood plain deposits (Holocene)
- Qhl** Natural levee deposits (Holocene)
- Qht** Stream terrace deposits (Holocene)

SCALE 1:100000



Base: Preliminary Geologic Map of the San Jose 30 x 60 Minute Quadrangle, California, Open File Report 98-795 Part 7, by Wentworth and Others, 1999.

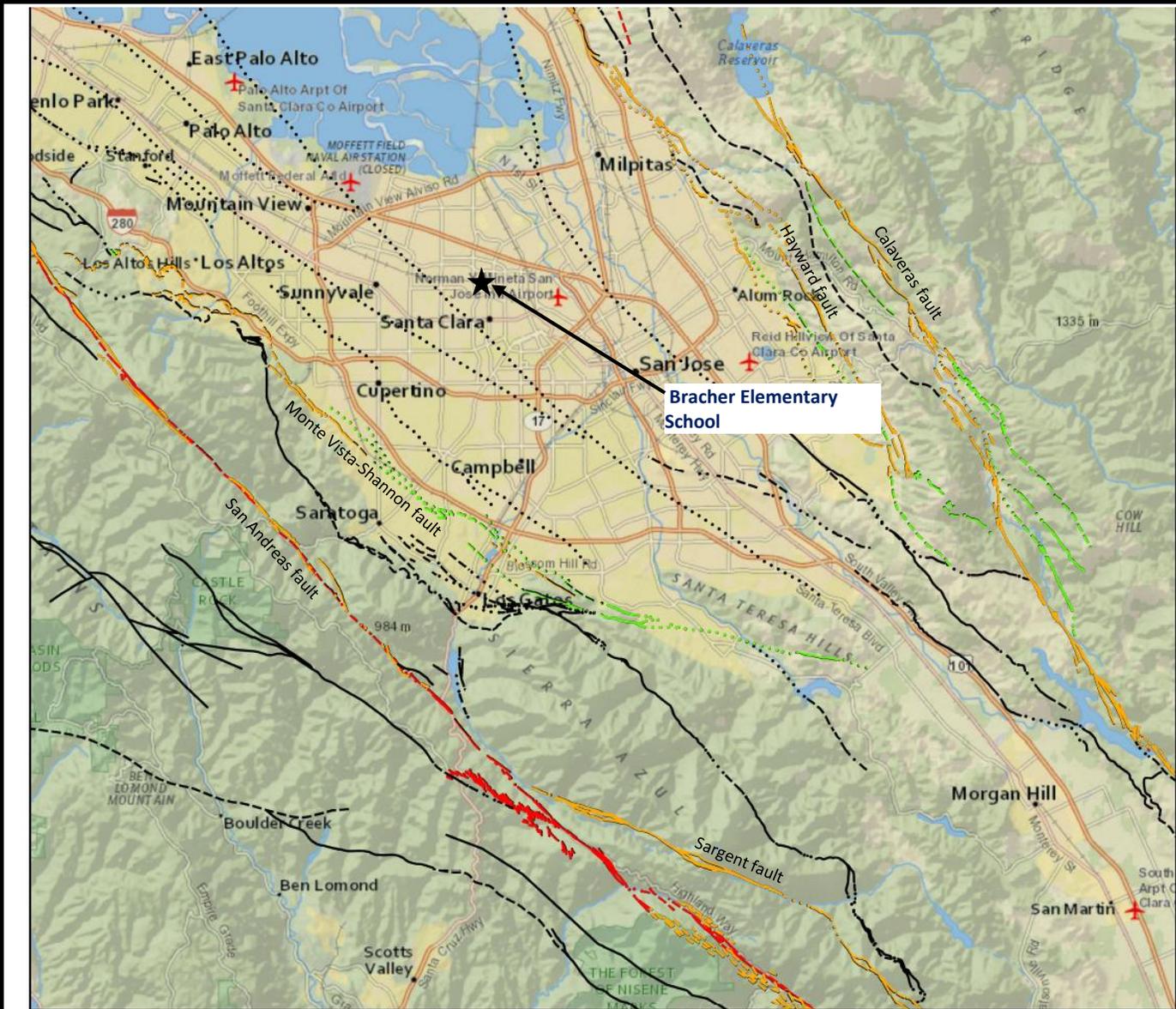


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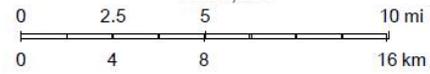
Drafted By:	
Date:	January 2023
Checked By:	
Revision:	

REGIONAL GEOLOGY MAP
Bracher Elementary School
2700 Chromite Drive
Santa Clara, California

FIGURE
2
PROJECT
PA22.1054



1:288,895



- Quaternary Faults
- historical (<150 years), well constrained location
 - - historical (<150 years), moderately constrained location
 - · historical (<150 years), inferred location
 - latest Quaternary (<15,000 years), well constrained location
 - - latest Quaternary (<15,000 years), moderately constrained location
 - · latest Quaternary (<15,000 years), inferred location
 - late Quaternary (<130,000 years), well constrained location
 - - late Quaternary (<130,000 years), moderately constrained location
 - · late Quaternary (<130,000 years), inferred location
 - middle and late Quaternary (<750,000 years), well constrained location
 - - middle and late quaternary (<750,000 years), moderately constrained location
 - · middle and late Quaternary (<750,000 years), inferred location

Base: US Quaternary Faults & Fold Database, USGS Geologic Hazards Science Center, Golden, CO, access at usgs.maps.arcgis.com

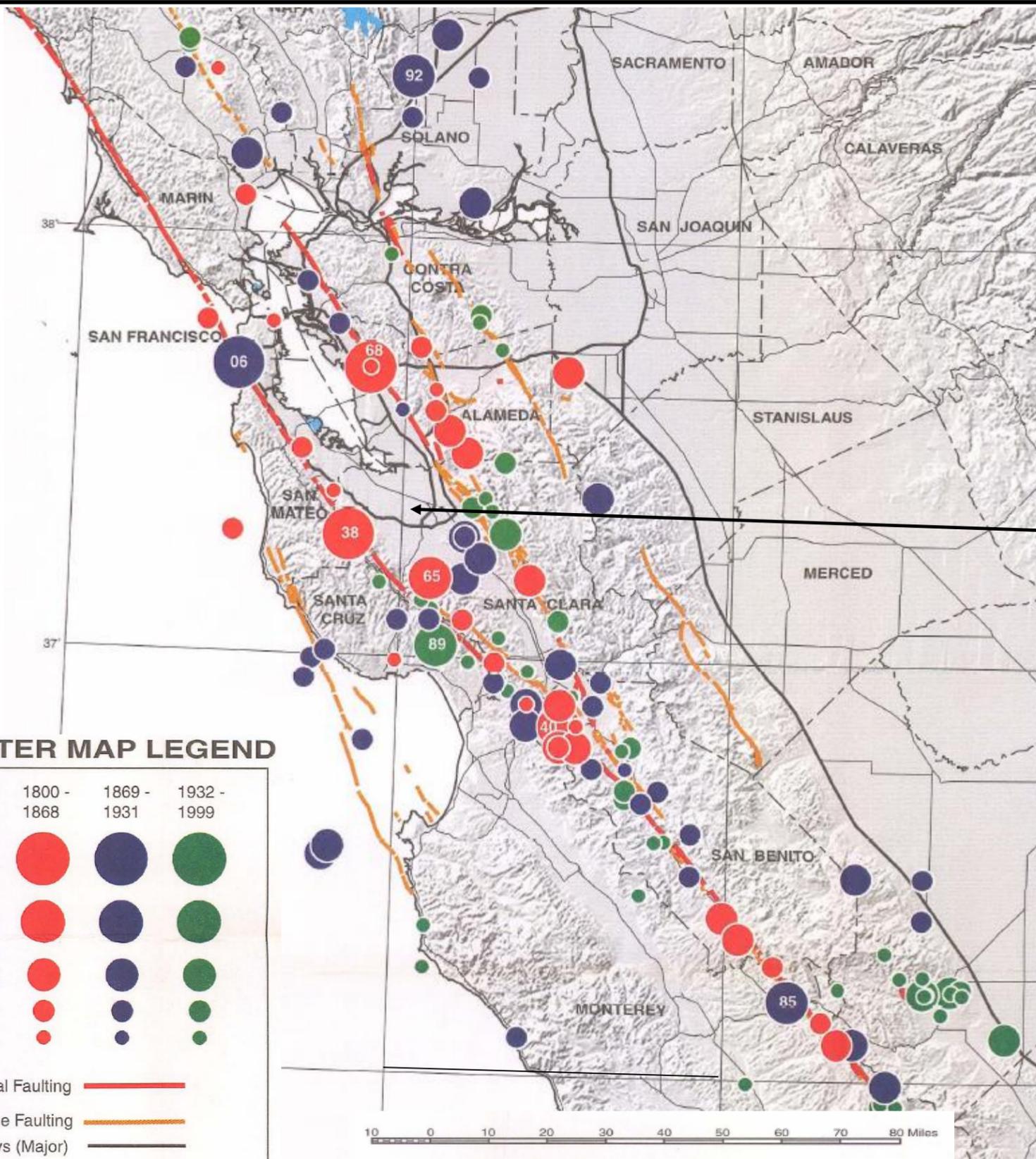
Geo-Logic
ASSOCIATES

6300 San Ignacio Avenue, Ste A
San Jose, California 95119
Phone (408) 778-2818

QUATERNARY ACTIVE FAULTS
Bracher Elementary School
2700 Chromite Drive
Santa Clara, California

FIGURE
3
PROJECT
PA22.1054

Compiled by:	Date: January 2023
Reviewed by:	Revision:



EPICENTER MAP LEGEND

Period	1800 - 1868	1869 - 1931	1932 - 1999
≥ 7.0			
6.5 - 6.9			
6.0 - 6.4			
5.5 - 5.9			
5.0 - 5.4			

Historical Faulting	
Holocene Faulting	
Highways (Major)	
Highways (Minor)	

Lakes

Last two digits of M ≥ 6.5 earthquake year

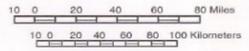
Bracher Elementary School



DAMAGE MAP LEGEND

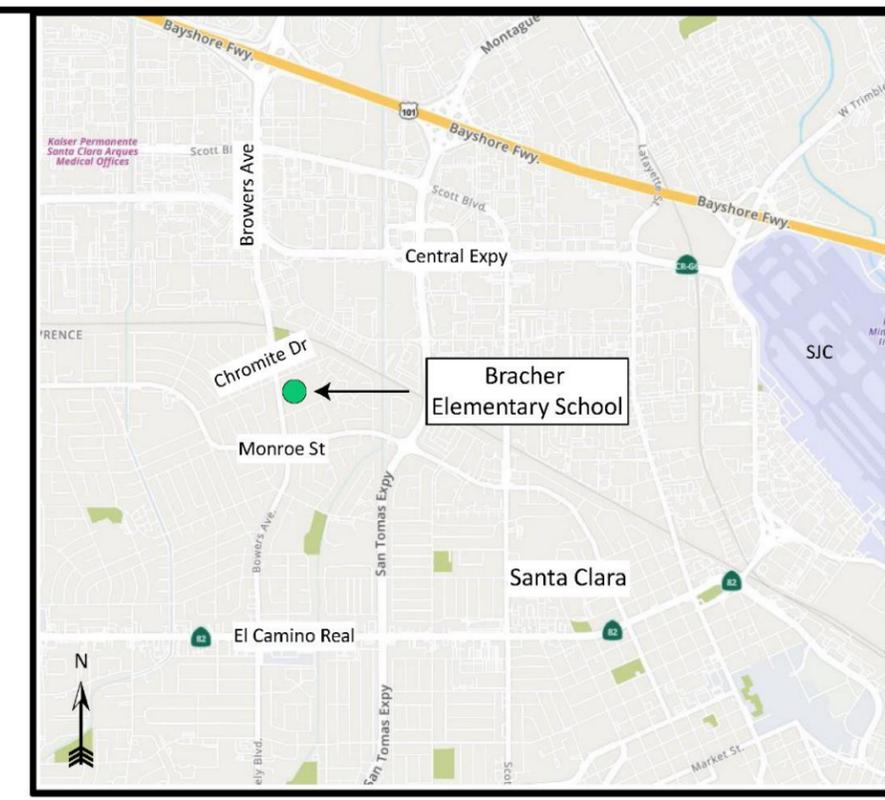
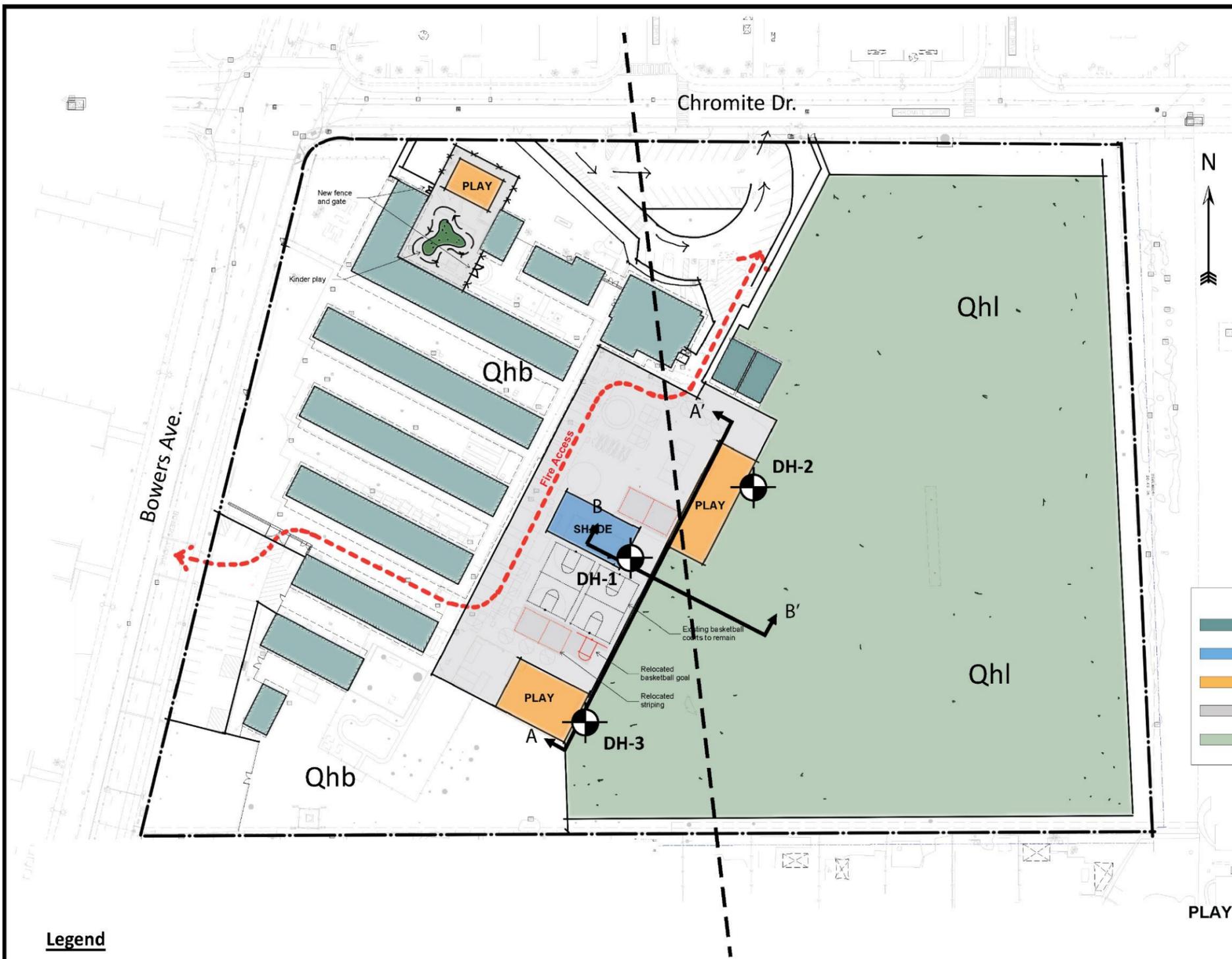
Minimum Number of Occurrences of Damage [MMI ≥ VII]

1	
2	
3	
4	
5	
6	
7	
8	



Base: California Geological Survey Map Sheet 48 (Topozada and others, 2000)

	6300 San Ignacio Avenue, Suite A San Jose, California 95119 Phone (408) 778-2818	Drafted By:	HISTORIC SEISMICITY MAP Bracher Elementary School 2700 Chromite Drive Santa Clara, California	FIGURE 4 PROJECT PA122.1054
		Date: January 2023		
		Checked By:		
		Revision:		



Vicinity Map (no scale)

LEGEND

- EXISTING BUILDINGS
- NEW SHADE STRUCTURE
- NEW PLAY AREAS
- HARDCOURTS
- PLAY FIELDS

**BRACHER ES
PLAY AREA UPGRADES**

1" = 110'

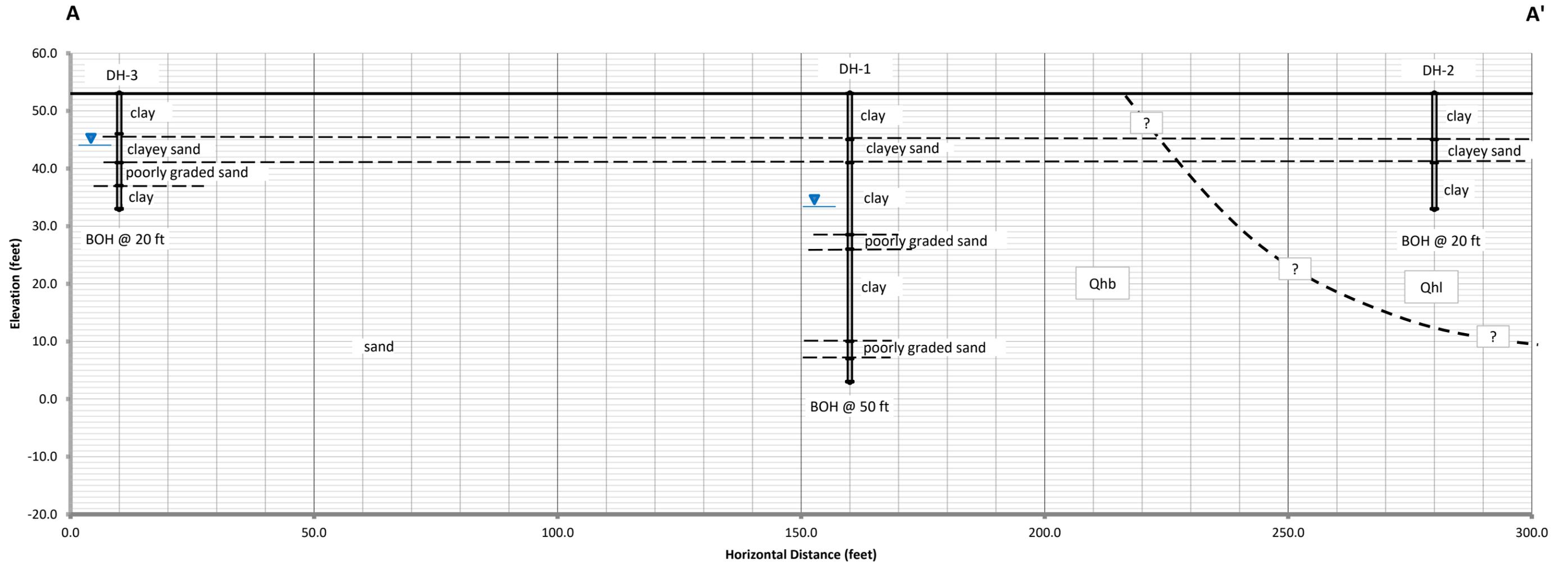
10-19-2022

Base: Site plan provided by Santa Clara Unified School District.

Legend

- DH-3 Exploratory drill hole
- Cross-section
- Approximate contact between earth material units
- Qhb Holocene basin deposits
- Qhl Holocene levee deposits

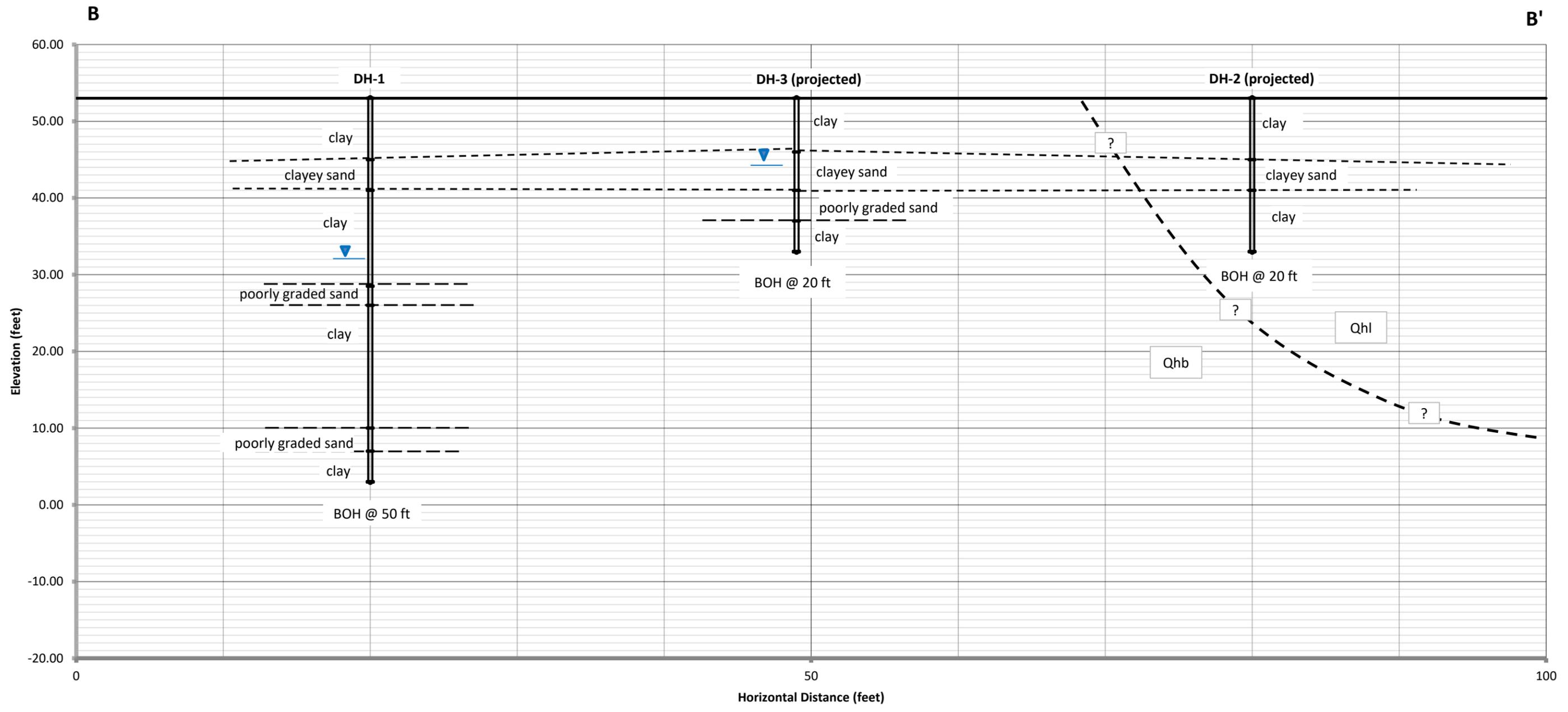
	6300 San Ignacio Avenue, Suite A San Jose, California 95119 Phone (408) 778-2818	Drafted By:	GEOLOGIC SITE MAP Bracher Elementary School 2700 Chromite Drive Santa Clara, California	FIGURE 5 PROJECT PA22.1054
		Date: January 2023		
		Checked By:		
		Revision:		



Drafted By:	
Date:	January 2023
Checked By:	
Revision:	

CROSS-SECTION A-A'
 Bracher Elementary School
 2700 Chromite Drive
 Santa Clara, California

FIGURE
 6
PROJECT
 PA22.1054



Drafted By:	
Date:	January 2023
Checked By:	
Revision:	

CROSS-SECTION B-B'
 Bracher Elementary School
 2700 Chromite Drive
 Santa Clara, California

FIGURE
 7
PROJECT
 PA22.1054

APPENDIX A

SUBSURFACE INVESTIGATIONS

- **KEYS TO SOIL CLASSIFICATION (FINE AND COARSE GRAINED SOILS)**
- **LOG OF DRILL HOLES DH-1 THROUGH DH-3**

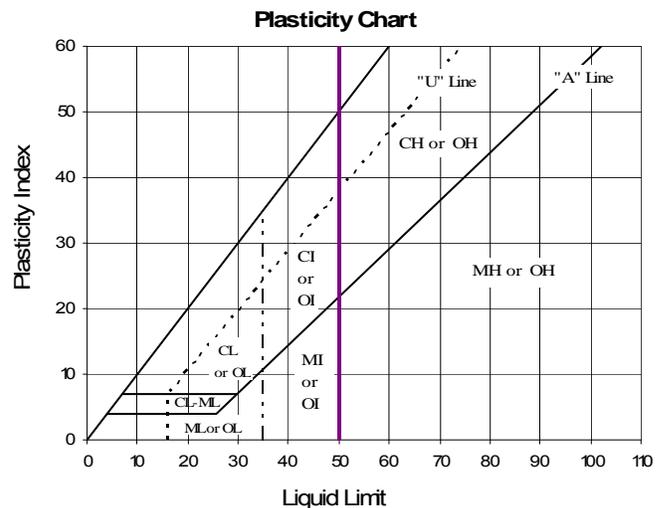
KEY TO SOIL CLASSIFICATION - FINE GRAINED SOILS
(50% OR MORE IS SMALLER THAN NO. 200 SIEVE SIZE)
(modified from ASTM D2487 to include fine grained soils with intermediate plasticity)

MAJOR DIVISIONS			GROUP SYMBOLS	GROUP NAMES
SILTS AND CLAYS (Liquid Limit less than 35) Low Plasticity	Inorganic	PI < 4 or plots below "A" line	ML	Silt, Silt with Sand or Gravel, Sandy or Gravelly Silt, Sandy or Gravelly Silt with Sand or Gravel
	Inorganic	PI > 7 or plots on or above "A" line	CL	Lean Clay, Lean Clay with Sand or Gravel, Sandy or Gravelly Lean Clay, Sandy or Gravelly Lean Clay with Sand or Gravel
	Inorganic	PI between 4 and 7	CL-ML	Silty Clay, Silty Clay with Sand or Gravel, Sandy or Gravelly Silty Clay, Sandy or Gravelly Silty Clay with Sand or Gravel
	Organic	See footnote 3	OL	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)
SILTS AND CLAYS (35 ≤ Liquid Limit < 50) Intermediate Plasticity	Inorganic	PI < 4 or plots below "A" line	MI	Silt, Silt with Sand or Gravel, Sandy or Gravelly Silt, Sandy or Gravelly Silt with Sand or Gravel
	Inorganic	PI > 7 or plots on or above "A" line	CI	Clay, Clay with Sand or Gravel, Sandy or Gravelly Clay, Sandy or Gravelly Clay with Sand or Gravel
	Organic	See footnote 3	OI	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)
SILTS AND CLAYS (Liquid Limit 50 or greater) High Plasticity	Inorganic	PI plots below "A" line	MH	Elastic Silt, Elastic Silt with Sand or Gravel, Sandy or Gravelly Elastic Silt, Sandy or Gravelly Elastic Silt with Sand or Gravel
	Inorganic	PI plots on or above "A" line	CH	Fat Clay, Fat Clay with Sand or Gravel, Sandy or Gravelly Fat Clay, Sandy or Gravelly Fat Clay with Sand or Gravel
	Organic	See note 3 below	OH	Organic Silt (below "A" Line) or Organic Clay (on or above "A" Line) ^(1,2)

1. If soil contains 15% to 29% plus No. 200 material, include "with sand" or "with gravel" to group name, whichever is predominant.
2. If soil contains ≥30% plus No. 200 material, include "sandy" or "gravelly" to group name, whichever is predominant. If soil contains ≥15% of sand or gravel sized material, add "with sand" or "with gravel" to group name.
3. Ratio of liquid limit of oven dried sample to liquid limit of not dried sample is less than 0.75.

CONSISTENCY	UNCONFINED SHEAR STRENGTH (KSF)	STANDARD PENETRATION (BLOWS/FOOT)
VERY SOFT	< 0.25	< 2
SOFT	0.25 – 0.5	2 – 4
FIRM	0.5 – 1.0	5 – 8
STIFF	1.0 – 2.0	9 – 15
VERY STIFF	2.0 – 4.0	16 – 30
HARD	> 4.0	> 30

MOISTURE	CRITERIA
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp, but no visible water
Wet	Visible free water, usually soil is below the water table



KEY TO SOIL CLASSIFICATION – COARSE GRAINED SOILS
(MORE THAN 50% IS LARGER THAN NO. 200 SIEVE SIZE)
(modified from ASTM D2487 to include fines with intermediate plasticity)

MAJOR DIVISIONS			GROUP SYMBOLS	GROUP NAMES ¹
GRAVELS (more than 50% of coarse fraction is larger than No. 4 sieve size)	Gravels with less than 5% fines	$Cu \geq 4$ and $1 \leq Cc \leq 3$	GW	Well Graded Gravel, Well Graded Gravel with Sand
		$Cu < 4$ and/or $1 > Cc > 3$	GP	Poorly Graded Gravel, Poorly Graded Gravel with Sand
	Gravels with 5% to 12% fines	ML, MI or MH fines	GW-GM	Well Graded Gravel with Silt, Well Graded Gravel with Silt and Sand
			GP-GM	Poorly Graded Gravel with Silt, Poorly Graded Gravel with Silt and Sand
		CL, CI or CH fines	GW-GC	Well Graded Gravel with Clay, Well Graded Gravel with Clay and Sand
			GP-GC	Poorly Graded Gravel with Clay, Poorly Graded Gravel with Clay and Sand
	Gravels with more than 12% fines	ML, MI or MH fines	GM	Silty Gravel, Silty Gravel with Sand
		CL, CI or CH fines	GC	Clayey Gravel, Clayey Gravel with Sand
		CL-ML fines	GC-GM	Silty Clayey Gravel; Silty, Clayey Gravel with Sand
	SANDS (50% or more of coarse fraction is smaller than No. 4 sieve size)	Sands with less than 5% fines	$Cu \geq 6$ and $1 \leq Cc \leq 3$	SW
$Cu < 6$ and/or $1 > Cc > 3$			SP	Poorly Graded Sand, Poorly Graded Sand with Gravel
Sands with 5% to 12% fines		ML, MI or MH fines	SW-SM	Well Graded Sand with Silt, Well Graded Sand with Silt and Gravel
			SP-SM	Poorly Graded Sand with Silt, Poorly Graded Sand with Silt and Gravel
		CL, CI or CH fines	SW-SC	Well Graded Sand with Clay, Well Graded Sand with Clay and Gravel
			SP-SC	Poorly Graded Sand with Clay, Poorly Graded Sand with Clay and Gravel
Sands with more than 12% fines		ML, MI or MH fines	SM	Silty Sand, Silty Sand with Gravel
		CL, CI or CH fines	SC	Clayey Sand, Clayey Sand with Gravel
		CL-ML fines	SC-SM	Silty, Clayey Sand; Silty, Clayey Sand with Gravel

US STANDARD SIEVES

3 Inch ¾ Inch No. 4 No. 10 No. 40 No. 200

	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES & BOULDERS	GRAVELS		SANDS			SILTS AND CLAYS

RELATIVE DENSITY (SANDS AND GRAVELS)	STANDARD PENETRATION (BLOWS/FOOT)
Very Loose	0 - 4
Loose	5 - 10
Medium Dense	11 - 30
Dense	31 - 50
Very Dense	50+

1. Add "with sand" to group name if material contains 15% or greater of sand-sized particle. Add "with gravel" to group name if material contains 15% or greater of gravel-sized particle.

MOISTURE	CRITERIA
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp, but no visible water
Wet	Visible free water, usually soil is below the water table

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 1				
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054								
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS								
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample			GROUND WATER DEPTH:			Initial: 18.5 ft	Final: 20.5 ft					
DESCRIPTION OF EARTH MATERIALS	SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
PAVEMENT (±1" AC over ±5" AB)												
ALLUVIUM (Qhb), CLAY: Black (10YR 2/1), moist, stiff	Cl	1	S									
		2	D	27	1.25							
			D		2.0		40	30	22	95		
		3										
very stiff to hard		4	S									
			D	24	4.5			28		86		
		5	D									
		6										
		7										
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, loose to medium dense; mostly fine to medium sand	SC	8										
		9	S									
			D	8								
		10	D					23		102		
		11										
CLAY: Light brownish grey (10YR 6/2), moist, firm	Cl	12										
		13										
		14	S									
			D	7	0.75							
		15	D		0.25			26		100		
		16										
CLAY: Bluish gray (5B 5/1), moist, firm	Cl	17										
		18										
		19	S									
			D	9	0.5							
		20	D		0.5		36	27	19	94		

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 1					
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054									
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS									
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---									
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH: Initial: 18.5 ft Final: 20.5 ft									
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
CLAY (continued)		CI	21										
			22										
			23										
			24	S									
POORLY GRADED SAND with GRAVEL: Dark yellowish brown (10YR 4/4), moist to wet, very dense; fine to coarse sand, with fine to coarse gravel		SP	25	D	82		5		8		133		
			26	D									
CLAY: Light brownish gray (10YR 6/2), moist, soft to firm		CI	27										
			28										
			29	S									
			30	I	push				31				
			31	I									
			32										
			33										
moist to wet, stiff			34	S									
			35	D	14	1.5			20		111		
			36	D		1.5							
			37										
LEAN CLAY: Greenish gray (5GY 5/1), moist to wet, firm to stiff		CL	38										
			39	S									
			40	D	14	0.75		29	23	14	105		
				D		1.75							

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE							DH- 1				
PROJECT NAME: Bracher Elementary School					PROJECT NUMBER: PA22.1054								
DRILL RIG: Mobile B-53, 140-lb auto hammer					LOGGED BY: FS								
HOLE DIAMETER: 8-inch hollow stem auger					HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH:				Initial: 18.5 ft Final: 20.5 ft					
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
LEAN CLAY (continued)		CL	41										
			42										
			43										
POORLY GRADED SAND: Brown (10YR 5/5), wet, medium dense; mostly fine to medium sand		SP	44	S	18		4		20				
			45	D									
			46										
CLAY: Bluish gray (5B 5/1), moist, stiff		CI	47										
			48										
			49	S	23	1.5							
			50	D		1.5		22			107		
BOTTOM OF HOLE = 50 FEET			51										
			52										
			53										
			54										
			55										
			56										
			57										
			58										
			59										
			60										

DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 2				
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054								
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS								
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---								
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample			GROUND WATER DEPTH:			Initial: --- Final: ---						
DESCRIPTION OF EARTH MATERIALS	SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)
ALLUVIUM (Qh), CLAY: Black (10YR 2/1), moist, stiff to very stiff light brownish gray (10YR 6/2)	CI	1	S									
		2	D	19	1.5 2.2			28		90		
		3										
		4	S									
		5	D	21	2.25 2.0			22		105		
		6										
		7										
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, loose to medium dense; mostly fine to medium sand	SC	8										
		9	S									
		10	D	8		36		20		101		
CLAY: Light brownish grey (10YR 6/2), moist, firm to stiff	CI	12										
		13										
		14	S									
		15	D	11	0.5 1.75			25		100		
		16										
CLAY: Dark greenish gray (5BG 4/1), moist, stiff	CI	17										
		18										
		19	S									
BOTTOM OF HOLE @ 20 FEET No Groundwater Encountered			D	13	1.25 1.5			21		104		
GEO-LOGIC ASSOCIATES									PAGE: 1 of 1			

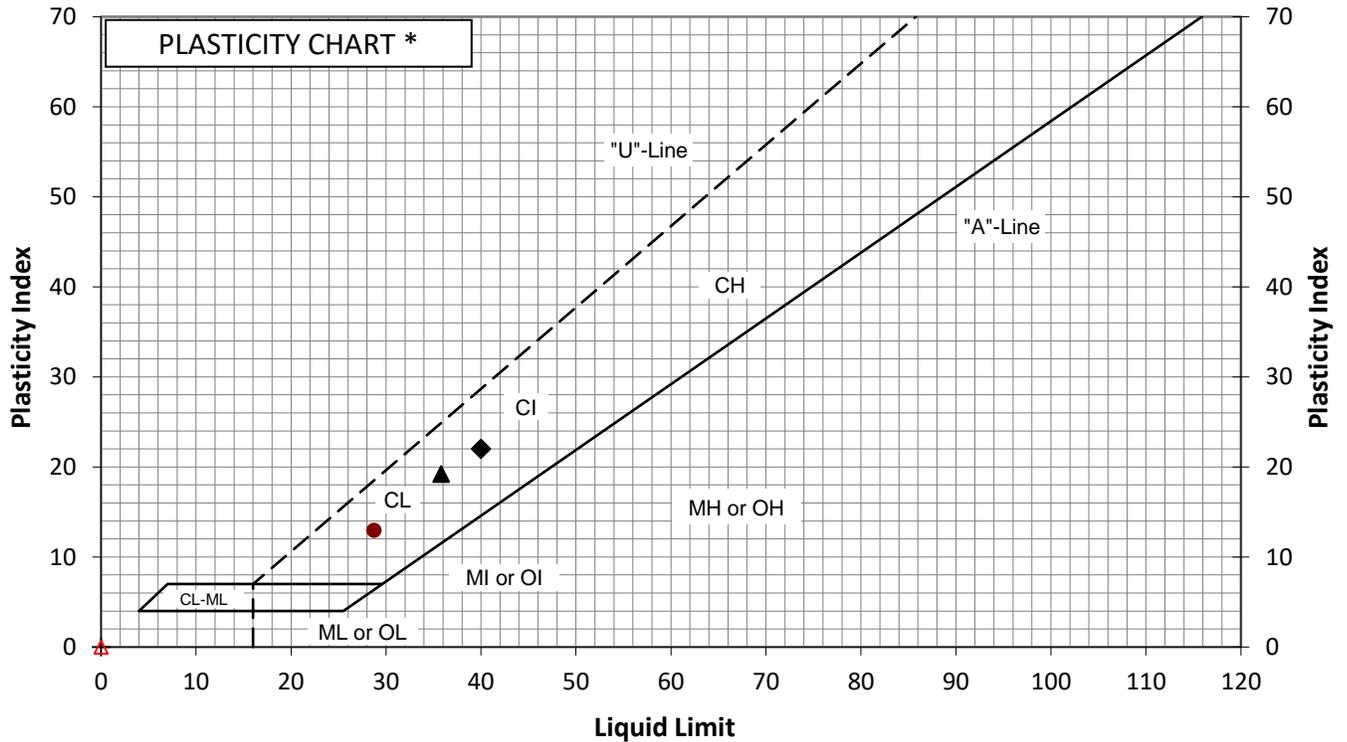
DATE: 11/21/2022		LOG OF EXPLORATORY DRILL HOLE						DH- 3												
PROJECT NAME: Bracher Elementary School				PROJECT NUMBER: PA22.1054																
DRILL RIG: Mobile B-53, 140-lb auto hammer				LOGGED BY: FS																
HOLE DIAMETER: 8-inch hollow stem auger				HOLE ELEVATION: ---																
SAMPLER: D = 3" OD, 2½" ID Split-spoon X = 2½" OD, 2" ID Split-spoon I = Standard Penetrometer (2" OD SPT) S = Slough in sample				GROUND WATER DEPTH: Initial: 13.5 ft Final: 9 ft																
DESCRIPTION OF EARTH MATERIALS		SOIL TYPE	DEPTH (ft)	SAMPLE	BLOWS PER FOOT	POCKET PEN (tsf)	% PASSING #200 SIEVE	LIQUID LIMIT	WATER CONTENT	PLASTICITY INDEX	DRY DENSITY (pcf)	FAILURE STRAIN (%)	UNCONFINED COMPRESSIVE STRENGTH (psf)							
ALLUVIUM (Qhb), CLAY: Black (10YR 2/1), moist, very stiff light brownish gray (10YR 6/2), stiff		CI	1	S	18	4.5+ 2.5			25		93									
			2	D																
			3																	
			4	S	10	1.0 1.0			12		112									
			5	D																
			6																	
CLAYEY SAND: Pale brown (10YR 6/3), moist to wet, medium dense; mostly fine to medium sand		SC	7																	
			8																	
			9	S	15	13	115													
			10	D																
11																				
POORLY GRADED SAND: Dark yellowish brown (10YR 4/4), wet, medium dense to dense; mostly fine to medium sand		SP	12																	
			13																	
			14	S	42	2	21	94												
			15	D																
16																				
CLAY: Dark greenish gray (5BG 4/1), moist, stiff		CI	16																	
			17																	
			18																	
			19	S	13	0.5 0.5	20	106												
			20	D																
BOTTOM OF HOLE @ 20 FEET																				

APPENDIX B

LABORATORY TEST DATA

ATTERBERG LIMITS TEST RESULTS

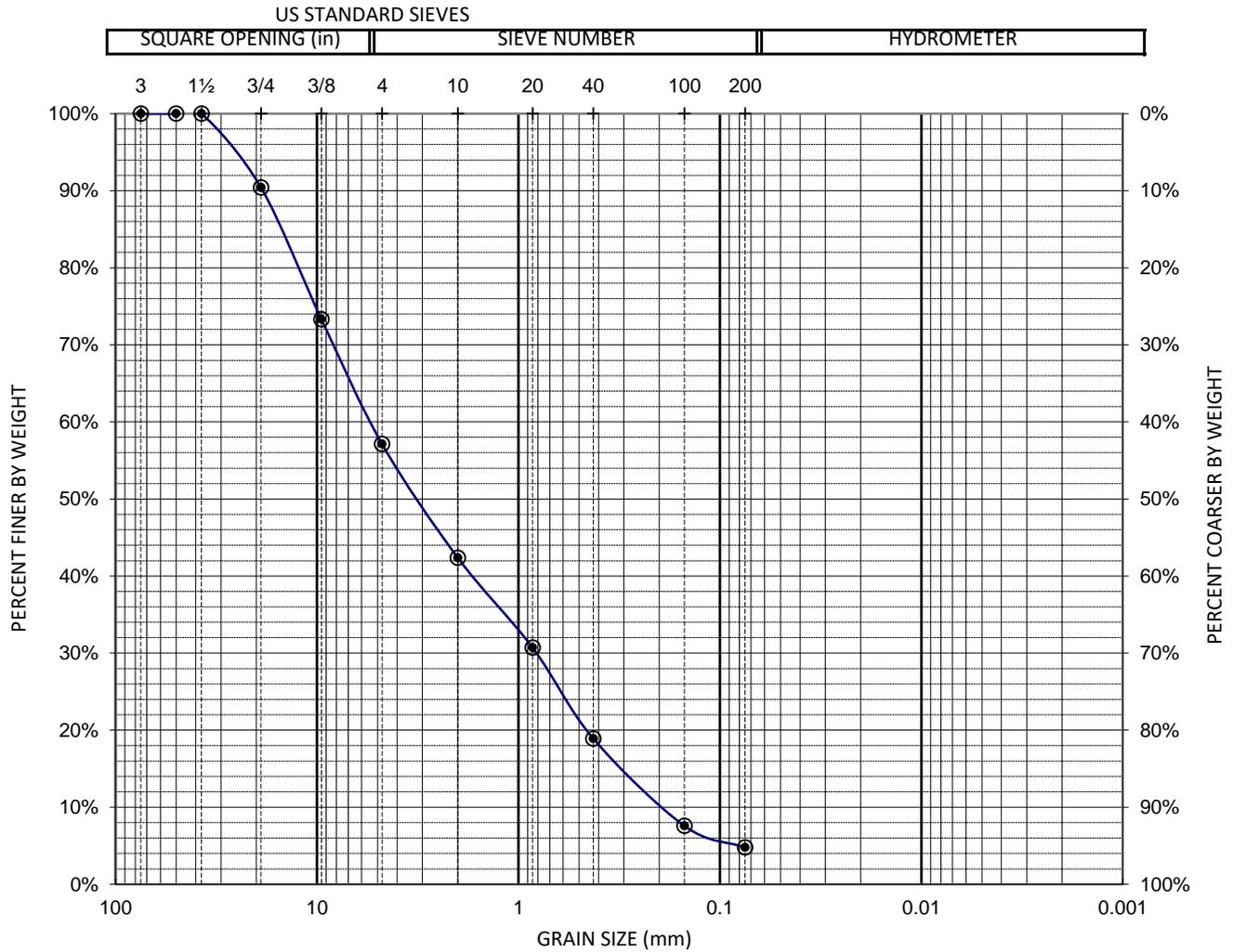
PROJECT NAME	Bracher Elementary School			PROJECT No.	PA22.1054
DATE OF TEST	12/6/2022	12/6/2022	12/6/2022		
KEY SYMBOL	◆	▲	●		
DRILL HOLE No.	1	1	1		
DEPTH (ft)	2	19.5	39.5		
NATURAL WATER CONTENT (%)	30	27	23		
% RETAINED No. 40 SIEVE (Est.)	---	---	---		
% PASSING No. 200 SIEVE	---	---	---		
LIQUID LIMIT	40	36	29		
PLASTIC LIMIT	18	17	16		
PLASTICITY INDEX	22	19	13		
CLASSIFICATION SYMBOL	CI	CI	CL		



* Based on the Unified Soil Classification System modified to incorporate the "intermediate" classifications CI, MI, and OI for soils with liquid limits between 35 and 50. In the unmodified Unified Soil Classification System, such soils would be classified as CL, ML and OL, respectively.

GRAIN SIZE TEST RESULTS

PROJECT NAME Bracher Elementary School				PROJECT No. PA22.1054	
DRILL HOLE No. 1		DEPTH (ft) 24.5-25		SAMPLE 0	
				DATE OF TEST 12/6/2022	
SOURCE/QUARRY: ---					
DESCRIPTION OF SOIL: Poorly Graded Sand with Gravel					

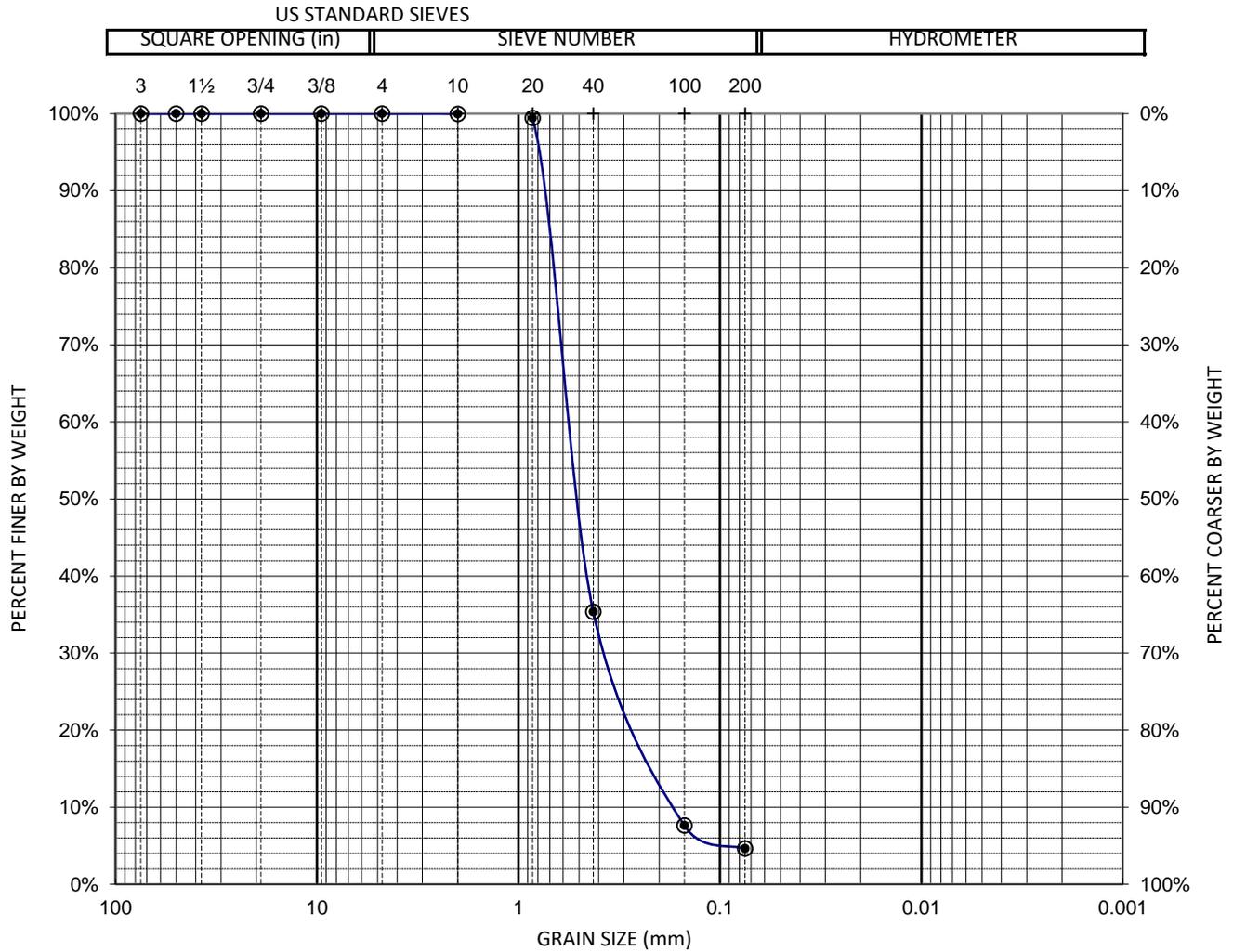


	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES	GRAVEL		SAND			SILT & CLAY
	42.9%		52.3%			4.8%

REMARKS:

GRAIN SIZE TEST RESULTS

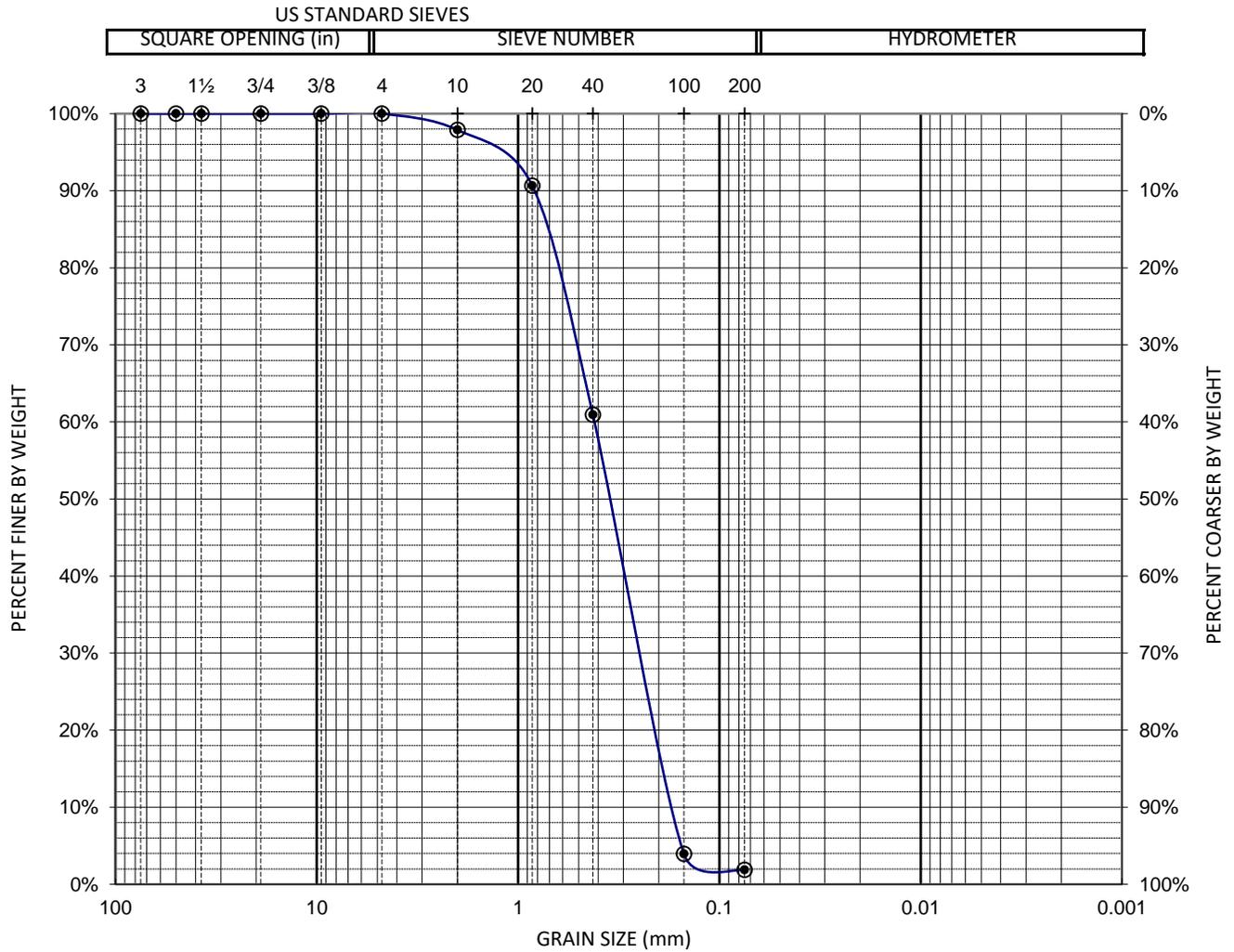
PROJECT NAME Bracher Elementary School				PROJECT No. PA22.1054	
DRILL HOLE No. 1		DEPTH (ft) 44.5-45		SAMPLE 0	
				DATE OF TEST 12/6/2022	
SOURCE/QUARRY: ---					
DESCRIPTION OF SOIL: Poorly Graded Sand					



REMARKS:

GRAIN SIZE TEST RESULTS

PROJECT NAME Bracher Elementary School				PROJECT No.	PA22.1054
DRILL HOLE No. 3		DEPTH (ft) 14.5-15	SAMPLE 0	DATE OF TEST	12/6/2022
SOURCE/QUARRY: ---					
DESCRIPTION OF SOIL: Poorly Graded Sand					



	COARSE	FINE	COARSE	MEDIUM	FINE	
COBBLES	GRAVEL		SAND			SILT & CLAY
	0.0%		98.1%			1.9%

REMARKS:

5 December, 2022

Job No. 2211032
Cust. No. 10854

1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax. 925 462 2775
www.cercoanalytical.com

Mr. Beeson Liang
Geo-Logic Associates
6300 San Ignacio Ave., Suite A
San Jose, CA 95119

Subject: Project No.: PA22.1054
Project Name: Bracher Elem School
Corrosivity Analysis – ASTM Test Methods

Dear Mr. Liang:

Pursuant to your request, CERCO Analytical has analyzed the soil samples submitted on November 28, 2022. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurements, both samples are classified as “moderately corrosive”. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentrations are none detected with a reporting limit of 15 mg/kg.

The sulfate ion concentrations are 22 mg/kg and 48 mg/kg and are determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at these locations.

The pH of the soils are 8.23 and 8.27, and do not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potentials are 180-mV and 210-mV. Sample No.001 is indicative of potentially “moderately corrosive”, and Sample No.002 is indicative of potentially “slightly corrosive” soil, both resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.


for, J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure



1100 Willow Pass Court, Suite A
 Concord, CA 94520-1006
 925 462 2771 Fax. 925 462 2775
 www.cercoanalytical.com

Client: Geo-Logic Associates
 Client's Project No.: PA22.1054
 Client's Project Name: Bracher Elem School
 Date Sampled: 21-Nov-22
 Date Received: 28-Nov-22
 Matrix: Soil
 Authorization: Signed Chain of Custody

Date of Report: 5-Dec-2022

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2211032-001	DH-1, 1.5'+4'	180	8.27	-	3,200	-	N.D.	22
2211032-002	DH-2, 1.5'+4'	210	8.23	-	3,200	-	N.D.	48

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	10	-	50	15	15
Date Analyzed:	1-Dec-2022	30-Nov-2022	-	1-Dec-2022	-	30-Nov-2022	30-Nov-2022

Sherri Moore
 Sherri Moore
 Chemist

* Results Reported on "As Received" Basis
 N.D. - None Detected

APPENDIX C

RESULTS OF LIQUEFACTION ANALYSES

LIQUEFACTION POTENTIAL ANALYSIS

REFERENCE: Liquefaction Resistance of soils, Summary Report from the 1996 NCEEER and 1998 NCEEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils, by T.L. Youd and I.M. Idriss, Journal of Geotechnical & Geoenvironmental Engineering, April 2001

Last revision Jan 2023

Project Name: **Bracher Elementary School** Proj. #: **PA22.1054** Date: **1/12/2023** By: **BL**

Design peak ground accel., PGA = 0.55 g Hammer weight, Wh = 140 lbs Hammer drop, d = 30 inches
 Design earthquake magnitude = 7.5 (MSF = 10^{2.24}/(Mw^{2.56}) = 1.00)
 New fill thickness = 0 feet @ 125 pcf = 0 psf additional overburden Rod length above GS = 5 ft

Soil Layer	Depth to Bottom of Layer, ft	Total Density, pcf	USCS	Total Vertical Stress @ bottom of layer, psf	Effective Vertical Stress @ layer bottom, psf	Boring #	Diameter*, Db, in	Depth to groundwater @ drilling, ft	GW depth below finish grade for liquefaction analysis, ft	Energy ratio correction Ce
0	0	0	0	0.0	0.0	DH1	4.5	9	8	1.33
1	3.00	124.0	CI	372.0	372.0	* use Db = 4.5, 6 or 8 inches				
2	8.00	110.0	CI	922.0	922.0					
3	12.00	125.0	SC	1422.0	1234.8					
4	17.00	126.0	CI	2052.0	1552.8					
5	24.50	119.0	CI	2944.5	1977.3					
6	27.00	144.0	SP	3304.5	2181.3					
7	32.00	133.0	CI	3969.5	2534.3					
8	37.00	133.0	CI	4634.5	2887.3					
9	43.00	130.0	CI	5414.5	3292.9					
10	46.00	130.0	SP	5804.5	3495.7					
11	50.00	130.0	CI	6324.5	3766.1					
12				6324.5	6324.5					
13				6324.5	6324.5					
14				6324.5	6324.5					
15				6324.5	6324.5					
16				6324.5	6324.5					
17				6324.5	6324.5					
18				6324.5	6324.5					
19				6324.5	6324.5					
20				6324.5	6324.5					

Correction Factor Ce	
Equipment variable	Values
Donut hammer	0.5 - 1.0
Safety hammer	0.7 - 1.2
Auto trip donut hammer	0.8 - 1.3

C2, Code for Sampler Type	Type of Sampler	O.D. of Sampler (in)	I.D. of Sampler shoe (in)	Sampler-Hammer Ratio for CLAY (x10 ⁴)	Sampler-Hammer Ratio for Sand (x10 ⁴)
1	SPT	2	1.375	4.19	0.89
2	2" MC	2.5	1.875	5.43	1.49
3	D&M	3	2.375	6.67	2.25
4	SPT1	2	0	7.94	1.32

N1cs = Blowcount corrected for fines content = alpha + beta*N160		
fines content (FC)	alpha	beta
<= 5%	0	1
5% - 35%	exp(1.76-(190/FC ²))	(0.99+FC ^{1.5} /1000)
>35%	5	1.2

Correction Factors to SPT (modified from Skempton 1986)			
Factor	Term	Equipment variable	Values
Overburden	Cn	(Pa/Pv) ^{0.5} <=1.7	
Energy Ratio	Ce	Donut hammer	0.5 - 1.0
		Safety hammer	0.7 - 1.2
		Auto trip donut hammer	0.8 - 1.3
Borehole diameter	Cb	65-115 mm (2.5"-4.5")	1.00
		150 mm (6")	1.05
		200 mm (8")	1.15
Rod length	Cr	< 3 m (10')	0.75
		3-4 m (10'-13')	0.80
		4-6 m (13'-20')	0.85
		6-10 m (20'-33')	0.95
		10-30 m (33'-98')	1.00
Sampling Method	Cs	Standard sampler Sampler w/o liners	1.0 1.1-1.3

Note: if (N1)60cs is over 30, soil is considered non-liquefiable

Depth below O.G. (ft)	Field blow count, N	Code for Sampler Type, C2	Fines Content (%)	Rod Length, L(rod) (ft)	Cs	Cr	Total Vertical Stress (psf), σ _v	Effective Vertical Stress (psf), σ _{v'}	N' = N corrected for sampler size	Cn	(N1)60 = N*Cn*Cr*C _e *Cb*Cs	(N1)60cs (corrected for % fines)	Total Vertical Stress w/ Fill (psf)	Effective Vertical Stress @ design GW (psf)	rd	CSR	CRR(7.5) for clean granular soils	High Overburden Correction Factor	FS against liquefaction	Volumetric Strain (Tokimatsu & Seed 1987)	Weighing factor for ev	Seismic Ground Settlement (in)
2.00	27	3	70	7.00	1.0	0.75	248.0	248.0	14	1.70	24	34	248.0	248.0	0.997	0.357	N.L.	1.00	Above GW	0.0000	0.9667	0.00
4.50	24	3	70	9.50	1.0	0.75	537.0	537.0	13	1.70	21	31	537.0	537.0	0.991	0.354	N.L.	1.00	Above GW	0.0000	0.9250	0.00
9.50	8	3	36	14.50	1.0	0.85	1109.5	1078.3	4	1.36	6	13	1109.5	1015.9	0.980	0.383	0.141	1.00	0.37	0.0209	0.8417	0.84
14.50	7	3	70	19.50	1.0	0.85	1737.0	1393.8	4	1.20	5	11	1737.0	1331.4	0.970	0.452	0.122	1.00	N.L.	0.0000	0.7583	0.00
19.50	9	3	70	24.50	1.0	0.95	2349.5	1694.3	5	1.09	6	13	2349.5	1631.9	0.958	0.493	0.141	1.00	N.L.	0.0000	0.6750	0.00
25.00	82	3	5	30.00	1.0	0.95	3016.5	2018.1	43	1.00	54	54	3016.5	1955.7	0.942	0.519	N.L.	1.00	2.00	0.0000	0.5833	0.00
29.50	7	1	70	34.50	1.0	1.00	3637.0	2357.8	7	0.92	9	15	3637.0	2295.4	0.923	0.523	0.160	0.96	N.L.	0.0000	0.5083	0.00
34.50	14	3	70	39.50	1.0	1.00	4302.0	2710.8	7	0.86	8	15	4302.0	2648.4	0.894	0.519	0.160	0.92	N.L.	0.0000	0.4250	0.00
39.50	14	3	70	44.50	1.0	1.00	4959.5	3056.3	7	0.81	8	14	4959.5	2993.9	0.855	0.507	0.150	0.89	N.L.	0.0000	0.3417	0.00
44.50	18	3	4	49.50	1.0	1.00	5609.5	3394.3	9	0.77	10	10	5609.5	3331.9	0.809	0.487	0.113	0.86	0.20	0.0250	0.2583	0.23
49.50	23	3	70	54.50	1.0	1.00	6259.5	3732.3	12	0.73	12	19	6259.5	3669.9	0.758	0.462	0.203	0.83	N.L.	0.0000	0.1750	0.00

Estimated liquefaction induced settlement, in = **1.08**

LIQUEFACTION POTENTIAL ANALYSIS

REFERENCE: Liquefaction Resistance of soils, Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils, by T.L. Youd and I.M. Idriss, Journal of Geotechnical & Geoenvironmental Engineering, April 2001

Last revision Jan 2023

Project Name: Wilcox High School Pedestrian Bridge Proj. #: PA21.1037 Date: 4/27/2022 By: BL

Design peak ground accel., PGA = 0.73 g Hammer weight, Wh = 140 lbs Hammer drop, d = 30 inches
 Design earthquake magnitude = 6.8 (MSF = 10^{2.24}/(Mw^{2.56}) = 1.28)
 New fill thickness = 0 feet @ 125 pcf = 0 psf additional overburden Rod length above GS = 5 ft

Soil Layer	Depth to Bottom of Layer, ft	Total Density, pcf	USCS	Total Vertical Stress @ bottom of layer, psf	Effective Vertical Stress @ layer bottom, psf	Boring #	Diameter*, Db, in	Depth to groundwater @ drilling, ft	GW depth below finish grade for liquefaction analysis, ft	Energy ratio correction Ce
0	0	0	0	0.0	0.0	DH2	4.5	9	8	1.33
1	3.00	115.0	CI	345.0	345.0	* use Db = 4.5, 6 or 8 inches				
2	8.00	128.0	CI	985.0	985.0					
3	12.00	121.0	SC	1469.0	1281.8					
4	17.00	125.0	CI	2094.0	1594.8					
5	20.00	126.0	CI	2472.0	1785.6					
6				2472.0	2472.0					
7				2472.0	2472.0					
8				2472.0	2472.0					
9				2472.0	2472.0					
10				2472.0	2472.0					
11				2472.0	2472.0					
12				2472.0	2472.0					
13				2472.0	2472.0					
14				2472.0	2472.0					
15				2472.0	2472.0					
16				2472.0	2472.0					
17				2472.0	2472.0					
18				2472.0	2472.0					
19				2472.0	2472.0					
20				2472.0	2472.0					

Correction Factor Ce	
Equipment variable	Values
Donut hammer	0.5 - 1.0
Safety hammer	0.7 - 1.2
Auto trip donut hammer	0.8 - 1.3

C2, Code for Sampler Type	Type of Sampler	O.D. of Sampler (in)	I.D. of Sampler shoe (in)	Sampler-Hammer Ratio for CLAY (x10 ⁵)	Sampler-Hammer Ratio for Sand (x10 ⁵)
1	SPT	2	1.375	4.19	0.89
2	2" MC	2.5	1.875	5.43	1.49
3	D&M	3	2.375	6.67	2.25
4	SPT1	2	0	7.94	1.32

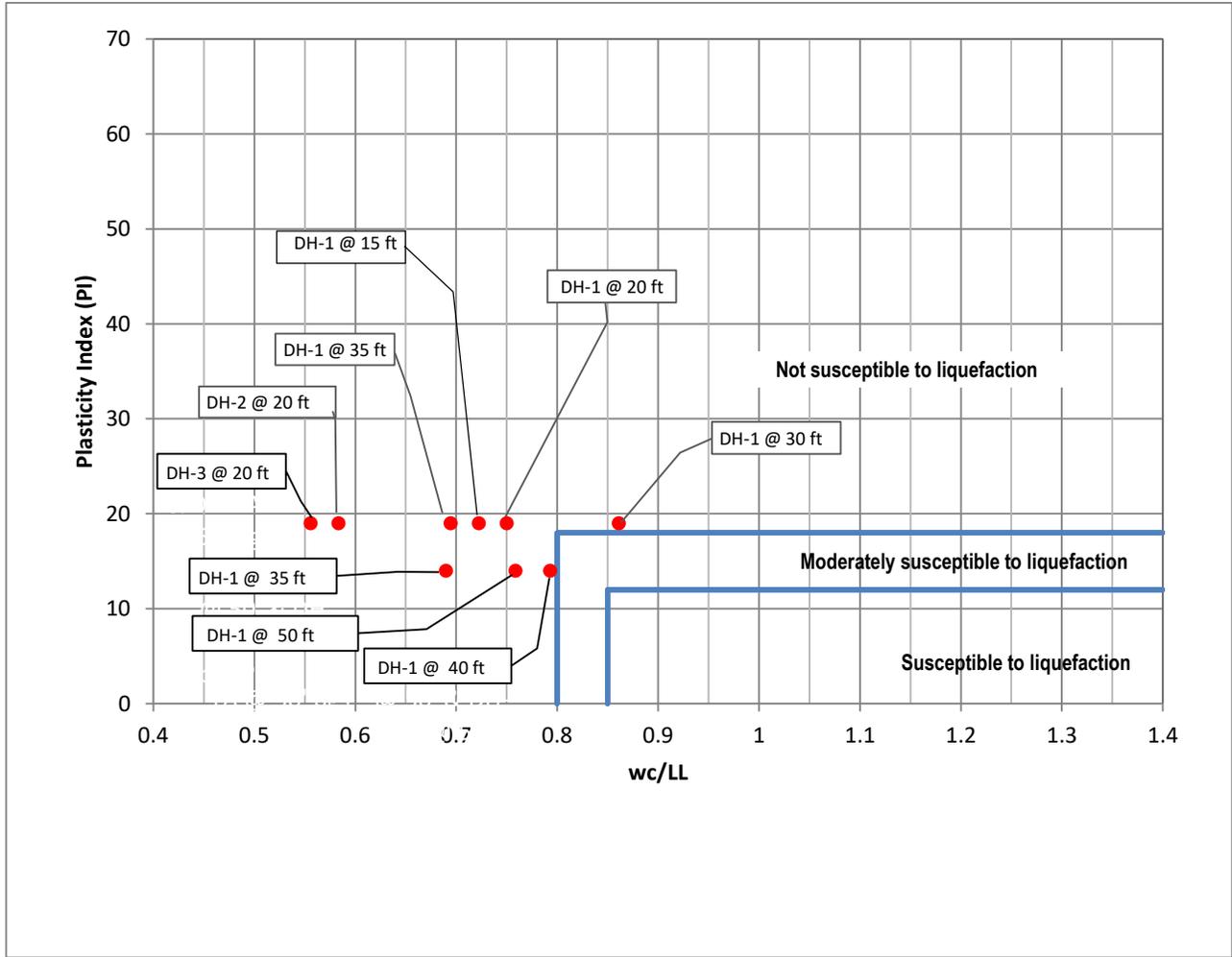
N1cs = Blowcount corrected for fines content = alpha + beta*N160		
fines content (FC)	alpha	beta
<= 5%	0	1
5% - 35%	exp(1.76-(190/FC^2))	(0.99+FC*1.5/1000)
>35%	5	1.2

Correction Factors to SPT (modified from Skempton 1986)			
Factor	Term	Equipment variable	Values
Overburden	Cn	(Pa/Pv) ^{0.5} <=1.7	
Energy Ratio	Ce	Donut hammer	0.5 - 1.0
		Safety hammer	0.7 - 1.2
		Auto trip donut hammer	0.8 - 1.3
Borehole diameter	Cb	65-115 mm (2.5"-4.5")	1.00
		150 mm (6")	1.05
		200 mm (8")	1.15
Rod length	Cr	< 3 m (10')	0.75
		3-4 m (10'-13')	0.80
		4-6 m (13'-20')	0.85
		6-10 m (20'-33')	0.95
		10-30 m (33'-98')	1.00
Sampling Method	Cs	Standard sampler Sampler w/o liners	1.0 1.1-1.3

Note: if (N1)60cs is over 30, soil is considered non-liquefiable

Depth below O.G. (ft)	Field blow count, N	Code for Sampler Type, C2	Fines Content (%)	Rod Length, L(rod) (ft)	Cs	Cr	Total Vertical Stress (psf), σ _v	Effective Vertical Stress (psf), σ _{v'}	N' = N corrected for sampler size	Cn	(N1)60 = N*Cn*Cr*C _s	(N1)60cs (corrected for % fines)	Total Vertical Stress w/ Fill (psf)	Effective Vertical Stress @ design GW (psf)	rd	CSR	CRR(7.5) for clean granular soils	High Overburden Correction Factor	FS against liquefaction	Volumetric Strain (Tokimatsu & Seed 1987)	Weighing factor for ev	Seismic Ground Settlement (in)
2.00	19	3	70	7.00	1.0	0.75	230.0	230.0	10	1.70	17	25	230.0	230.0	0.997	0.473	0.29	1.00	Above GW	0.0000	0.9667	0.00
4.50	21	3	70	9.50	1.0	0.75	537.0	537.0	11	1.70	19	27	537.0	537.0	0.991	0.470	0.34	1.00	Above GW	0.0000	0.9250	0.00
9.50	8	3	36	14.50	1.0	0.85	1166.5	1135.3	4	1.33	6	13	1166.5	1072.9	0.980	0.506	0.14	1.00	0.36	0.0209	0.8417	0.84
14.50	11	3	70	19.50	1.0	0.85	1781.5	1438.3	6	1.18	8	14	1781.5	1375.9	0.970	0.596	0.15	1.00	N.L.	0.0000	0.7583	0.00
19.50	13	3	70	24.50	1.0	0.95	2409.0	1753.8	7	1.07	9	16	2409.0	1691.4	0.958	0.648	0.17	1.00	N.L.	0.0000	0.6750	0.00

Estimated liquefaction induced settlement, in = **0.84**



Base: Assessment of the Liquefaction Susceptibility of Fine-grained Soils, Jonathan D. Bray & Rodolfo B. Sancio, 2006

	6300 San Ignacio Avenue Suite A San Jose, CA 95119 Tel: 408-778-2818		LIQUEFACTION SUSCEPTIBILITY OF FINE GRAINED SOILS Bracher Elementary School 2700 Chromite Drive Santa Clara, California	FIGURE C-1 PROJECT PA22.1054
	Drafted by:	Date: January 2023		
Review by:	Revision:			

**Appendix E: Preliminary Environmental
Assessment Work Plan**

Santa Clara Unified School District

**PRELIMINARY
ENVIRONMENTAL
ASSESSMENT WORK PLAN**

Bracher Elementary School Campus

2700 Chromite Drive

Santa Clara, California

Date Prepared: January 26, 2024

PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

Preliminary Environmental Assessment Work Plan

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

January 26, 2024

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PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

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Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

Table 7. Analytical Methods, Container Types, and Preservatives

FIGURES

Figure 1. Site Location Map

Figure 2a. Subject Property Plan

Figure 2b. Parcel Map

Figure 3. Surrounding Area Map

Figure 4a. Proposed Sample Locations – School Campus

Figure 4b. Proposed Sample Locations – Recreational

Figure 5 Conceptual Site Model

APPENDICES

Appendix A. Bracher Elementary Master Plan

Appendix B. Health and Safety Plan

Appendix C. EDR Report Components

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Appendix F. Draft Field Work Notice

PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

1 Introduction

This Preliminary Environmental Assessment (PEA) work plan (“the PEA work plan”) has been prepared by Arcadis, U.S., Inc., (Arcadis) on behalf of the Santa Clara Unified School District (SCUSD) for a portion of the Santa Clara County Assessor’s Parcel Number (APN) 21614001 (subject property, **Figure 1**). The subject property includes an approximately 9.4-acre portion of the Bracher Elementary School Campus. APN 21614001 has a total area of 12.7 acres, which encompasses the subject property.

The PEA work plan presents a background due diligence assessment of the subject property and a scope of work to evaluate potential areas of concern (PAOC) found during the background due diligence.

Arcadis understands that the SCUSD plans to redevelop the subject property with a new multipurpose room, lunch shelter, offices, preschool and transitional kindergarten classrooms, preschool and transitional kindergarten play areas, and associated parking areas (**Appendix A**).

Following redevelopment, the subject property will be served by public utilities for drinking water, irrigation water and sewage disposal. The existing structures at the subject property will be demolished as part of redevelopment. The subject property location is shown on **Figure 1**, a subject property plan and parcel map are shown on **Figure 2a** and **2b**, the subject property vicinity is shown on **Figure 3**, and a proposed sampling map is shown on **Figure 4**.

1.1 Purpose and Qualifications

The SCUSD requested that Arcadis conduct a background due diligence assessment of the subject property and prepare a scope of work to evaluate potential areas of concern found during the background due diligence. The background due diligence assessment portion of the PEA Work Plan was conducted in general accordance with the ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21), including the limitations outlined in the standard. This PEA Work Plan has been prepared in accordance with the 2009 California Education Code and DTSC’s requirements for the environmental assessment of the subject property, so that the subject property may be approved for the construction of the new proposed school buildings and recreational areas. This PEA work plan was prepared and will be implemented in general accordance with the guidelines of the DTSC, as detailed in the PEA Guidance Manual (“the DTSC PEA Guidance Manual”; DTSC 2015).

The purpose of the background due diligence is to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs) associated with the subject property. A REC is defined in ASTM E1527-21 as “the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment”; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A CREC is defined in ASTM E1527-21 as “recognized environmental condition affecting the subject

PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).” An HREC is defined in ASTM E1527-21 as “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).”

A scope of work to evaluate potential areas of concern at the subject property found during the background due diligence is also presented in this PEA work plan. During implementation of this PEA work plan, Arcadis will utilize a site-specific Health and Safety Plan (HASP) which will be kept on-site during the proposed field activities at the Site (**Appendix B**). The findings of the field activities will be presented in a PEA report following implementation of this PEA work plan.

1.2 Scope of Work

The scope of work for this assessment included the following:

- Conducting a reconnaissance-level survey of the subject property and a review of site history to obtain evidence of past releases of hazardous materials, if any, and to assess the potential for on-site releases of hazardous materials;
- Evaluating land use in the vicinity of the subject property including the presence of underground storage tanks (USTs), above ground storage tanks (ASTs), hazardous air emitters, and electrical transmission lines within the radii specified by California and ASTM regulations;
- Evaluating historical information regarding the past use, storage, disposal, or release of hazardous wastes/substances at the subject property;
- Preparing a scope of work in a work plan for further assessment of on-site areas of potential concern during the PEA; and
- Completing a checklist of hazards as described in California Code of Regulations, Title 5 (Section 14001) used by the California Department of Education (CDE) School Facilities Planning Division staff for site-review purposes.

1.3 Significant Assumptions

Arcadis assumes that the information provided by the SCUSD, regulatory database provider, and regulatory agencies is true and reliable.

1.4 Limitations and Exceptions

Site-specific activities performed by Arcadis and the information collected during these activities are summarized in the following sections.

The opinions and recommendations presented in this PEA work plan are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by Arcadis and the original party for whom this PEA work plan was prepared. This PEA work plan is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. To the extent that Arcadis relied upon any information prepared by other parties not under contract to Arcadis, Arcadis makes no representation as to the accuracy or completeness of such information.

Only the party for whom this PEA work plan was originally prepared, and other specifically named parties, may make use of and rely upon the information in this PEA work plan, in its entirety, for a period not to exceed 180 days in accordance with ASTM E1527-21. After 180 days and prior to using the information contained herein, the PEA work plan should be updated in accordance with ASTM Standards and Federal regulations.

The findings presented in this PEA work plan apply solely to site conditions existing at the time when Arcadis's assessment was performed. It must be recognized, however, that the PEA Work Plan is intended for the purpose of evaluating the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. Arcadis's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in the PEA Work Plan conclusions cannot reasonably be achieved.

Arcadis, therefore, does not provide any guarantees, certifications, or warranties (express or implied) that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and all applicable laws, codes, regulations, or standards.

1.5 User Reliance

This PEA work plan is for the exclusive use of the SCUSD, its agents, and assignees. Use of this PEA work plan by any other party shall be at such party's sole risk.

1.6 Data Gaps

No data gaps were identified during this assessment.

2 Subject Property Setting

2.1 Subject Property Location

The approximate 9.4-acre subject property is located along the eastern side of the intersection of Chromite Drive and Bowers Avenue in Santa Clara, Santa Clara County, California (**Figure 1**). The subject property comprises a portion of one parcel identified by the Santa Clara County Assessor's Office as APN 21614001. The SCUSD currently owns the subject property. A subject property plan depicting the configuration of the current buildings and exterior features of the subject property is included as **Figure 2**. The subject property and surrounding vicinity are shown on the surrounding property map (**Figure 3**).

The approximate geographic coordinates of the subject property are 37° 22' 1.38" north latitude and minus 121° 58' 27.05" west longitude, according to information obtained from Environmental Data Resources, Inc. (EDR) of Milford, Connecticut.

According to information obtained from the U.S. Geological Survey (USGS) 7.5 Minute Series Topographic Map of the San Jose West and Milpitas, California quadrangles dated 2018, the subject property is at an approximate elevation of 54 feet above mean sea level and is generally flat with a slight slope to the north. The topography of the surrounding area is also flat with a general topographic gradient to the north.

2.2 Geology and Hydrogeology

2.2.1 Regional and Local Geology

No previous environmental investigation reports were available for the subject property; therefore, property-specific geologic information was not available. Geologic information in the EDR Report, (**Appendix C**), specifies that the sediments beneath the subject property have been identified as part of the Quaternary Series of the Quaternary System of the Cenozoic Era. According to the United States Department of Agriculture (USDA) Soil Conservation Service, the subject property is underlain by the Botella soil component, which has a surface soil texture of clay loam and exhibits moderate infiltration rates.

According to a 2007 Geologic Map of the Cupertino and San Jose West quadrangles, Santa Clara, and Santa Cruz Counties, California presented in the United States Geological Survey MapView Database ("the database"), the subject property is underlain by alluvial sand, fine-grained, silt, and gravel. Where differentiated, these surficial sediments represent alluvial fan deposits at the base of slopes and the outer edge of fan areas. According to the database, the subject property is located approximately 7.4 miles southwest and approximately 7.5 northwest of the nearest serpentine rock deposits. Given that the outcrops of the serpentine rock deposits are within the 10-mile radius established by the Interim Guidance for Naturally Occurring Asbestos (NOA) at School Sites (DTSC 2004), the potential presence of NOA is a PAOC for the subject property.

PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

Bracher Elementary School Campus: 2700 Chromite Drive, Santa Clara, California

2.2.2 Regional and Local Surface and Groundwater Hydrology

No wells were identified at the subject property through a review of the EDR Radius Map Report, regional water well mapping databases (Santa Clara Valley Water District, Department of Water Resources), the Regional Water Quality Control Board (RWQCB) Geotracker database, or the Department of Toxic Substances Control (DTSC) Envirostor database.

According to the EDR Radius Map Report, the closest well is located approximately 2,500 feet southwest of the subject property. Information regarding the total depth, depth to water, or the use of the well was not reported. The well was sampled during four sampling events in 1949 and 1951 for water quality parameters and metals. No further information was available regarding the status of this well. There are three facilities that are listed on the Superfund National Priorities List (NPL) for active investigations approximately 4,200 to 4,500 feet north-northeast of the subject property. According to the most recent Five-Year Reports available for the three properties (U.S. Army Corps of Engineers 2020, 2022a, 2022b), depth to water north-northeast of the subject property is encountered at approximately 10 feet below ground surface (bgs). Three aquifers underlying these properties consist of a shallow aquifer that extends to approximately 25 feet bgs and a deep regional aquifer which is separated by an aquitard and extends from 25 to 45 feet bgs. Groundwater flow in the shallow aquifer has been found to flow to the north-northeast towards San Francisco Bay.

2.3 Subject Property Vicinity

At the time of the site reconnaissance, the subject property was bordered to the north by Chromite Drive, beyond which are residences and the Bracher Senior Apartments; to the east by residences; to the south by residences, beyond which is Bonnie Drive; and to the west by Bowers Avenue, beyond which are residences. In general, the subject property adjacent vicinity consisted of residential properties.

2.4 Designated SCUSD Contact Person and Mailing Address

Ms. Melissa Kersh
Project Manager for Facility Development and Planning
Santa Clara Unified School District
1889 Lawrence Road
Santa Clara, California, 95050
Telephone Number: 408.423.2148
Email address: mkersh@scusd.net

3 Subject Property History

The following items regarding the subject property were provided by the SCUSD or obtained by Arcadis on behalf of the SCUSD. Arcadis provided Ms. Michal Healy, the Director of Facility Development and Planning for the SCUSD, with a questionnaire regarding the environmental status of the property. Ms. Healy completed the questionnaire on April 21, 2023. A copy of the questionnaire is included in **Appendix D** and is summarized below.

3.1 Title Record

A title record report was recorded on August 12, 2015. According to the title report (provided in **Appendix D**), there are no property transfers that have been recorded. Other certificates and documents were reported related to utility easements and public road access. No property transfer information was reported from EDR prior to the completion of this report as information was not readily available from the Santa Clara County Assessor's Office for the subject property prior to 1980 other than a recorded property transfer on January 1, 1974. This is considered a data gap. However, this data gap is not considered to be significant as the subject property has been continuously developed with school buildings owned by the SCUSD since the Bracher Elementary School Campus was constructed in the 1950s and aerial photography is available from 1939 through the present.

3.2 Environmental Liens or Activity and Use Limitations

Arcadis did not provide a questionnaire to past subject property owners; however, a questionnaire was submitted to the SCUSD requesting information pertaining to specialized knowledge they may have of the subject property. The following questions and responses were obtained from the questionnaire completed by the SCUSD:

- **Question:** Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state, or local law?
Response: No.
- **Question:** Did a search of recorded land title records (or judicial records where appropriate) identify any activity or land use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
Response: No.

Arcadis obtained an Environmental Lien Search Report from EDR (EDR Project Number 7332957.2S, dated May 11, 2023) for the subject property. No environmental liens associated with the subject property APN was found during their review of public information according to information provided by EDR. A copy of EDR's Environmental Liens Search Report is provided in **Appendix C**.

3.3 Specialized Knowledge

The following responses to Arcadis's questions were obtained from the SCUSD as part of the assessment:

- **Question:** Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
Response: No.
- **Question:** Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
Response: Not applicable; the subject property is already owned by the District (SCUSD).

3.4 Commonly Known or Reasonably Ascertainable Information

The following responses to Arcadis's questions were obtained from the SCUSD as part of the assessment:

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

- **Question:** Do you know the past uses of the property?
Response: Yes. Ms. Healy noted that the subject property has been used as a K-5 elementary school.
- **Question:** Do you know of specific chemicals that are present or once were present at the property?
Response: No.
- **Question:** Do you know of spills or other chemical releases that have taken place at the property?
Response: No.
- **Question:** Do you know of any environmental cleanups that have taken place at the property?
Response: No.
- **Question:** Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
Response: None, other than identified above.

3.5 Owner, Property Manager, and Occupant Information

According to the Santa Clara County Assessor's office, the subject property is owned by the SCUSD. No further information was available regarding historical ownership of the subject property.

4 Subject Property and Surrounding Area Reconnaissance

4.1 Subject Property Reconnaissance

On May 2, 2023, Ms. Divya Mehta of Arcadis conducted a site walk at the subject property to photograph general site conditions. Ms. Mehta was met at the subject property by Ms. Angeline Ruiz of the SCUSD. At the time of the assessment, the subject property comprised an approximately 9.3-acre area that was improved with the following permanent buildings within the Bracher Elementary School Campus that are summarized on **Table 1**.

Table 1. On-property Buildings

Current Building Name	Building Size (square feet)	Construction Date	Construction Materials	Purpose
Administration Building	1,948	1958	Stucco and Wood Framing	Office and Lounge
Multipurpose Building	4,662	1958	Stucco and Wood Framing	Auditorium and Cafeteria
Classrooms F and G Portable Buildings	1,920	1997	Stucco and Wood Framing	Classrooms
Custodial Storage Shed	80	~2000	Wood	Custodial Sink and Storage

The buildings listed above are present within the northern portions of the subject property. Arcadis observed staining on the concrete floors in the custodial room. The concrete was in poor condition with multiple breaks and cracks. Due to the unknown integrity of the sink, this is a REC for the subject property.

The remaining portions of the subject property are developed with an asphalt-paved parking lot along the northern boundary; an asphalt-paved recreational area, playgrounds, and SCUSD maintenance staff storage containers in the southwestern portion of the school campus; and a large recreational field with a former cricket pitch in the eastern portion of the school campus. The Connex storage containers are used for recreational equipment storage, miscellaneous furniture, and commercial cleaning products and office materials that were observed in cardboard boxes. No staining or evidence of release from materials currently or historically stored in the Connex boxes was observed during site reconnaissance. De minimis amounts of staining were observed on the asphalt in the paved parking area that was attributed to minor leaks and spills from automobiles.

A fenced area houses a soil pile storage area for the SCUSD along the eastern boundary of the subject property. According to interviews with SCUSD staff, this soil pile area has been used for soil storage for SCUSD schools. No further information was available regarding the quantities of soil stored in the area

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or soil sampling conducted prior to storage in the eastern portion of the subject property. Due to the unknown composition of the soil, this soil pile area is a REC for the subject property. Photographs documenting current conditions at the subject property are presented in **Appendix E**.

4.2 Subject Property Vicinity Reconnaissance

At the time of Arcadis's site reconnaissance, surrounding area properties consisted primarily of residential properties located along Chromite Drive (north of the subject property), Bowers Avenue (west of the subject property), Bonnie Drive (south of the subject property), and Kentworth Way (east of the subject property). Railroad tracks are located approximately 500 feet east of the subject property beyond which are multiple commercial/industrial properties.

A distribution power line is located along the northern boundary of the subject property on Chromite Drive. No further information was provided following a review of the Silicon Valley Power (SVP) website regarding the voltage of the distribution line. This power line was not reported as a high voltage power line in the California Energy Commission Electric Transmission Lines mapping database. A 60 kilovolt (kv) power line owned by PG&E is located approximately 570 feet northeast of the subject property. Per the California Department of Education School Site Selection and Approval Guide, the subject property is located greater than 100 feet away from the high voltage power line and no further evaluation is required.

Arcadis did not observe conditions at the surrounding properties that were indicative of an environmental concern.

According to the Bay Area Air Quality Management District, there is one property located within a quarter mile of the subject property that is registered with an air permit. JJ&W-Walsh LLC at 2550 Walsh Avenue, located approximately 570 feet northeast of the subject property, is listed in the Bay Area Air Quality Management District online mapping database for an air permit. No further information was available regarding the source of the air emissions.

5 Public Record Review

5.1 Environmental

An environmental database report prepared by EDR was reviewed for local, state, and federal listings for properties within the site area. Included in EDR’s report are regulatory database lists, which were reviewed by EDR for cases pertaining to leaking USTs and ASTs, hazardous waste sites, and abandoned sites within ASTM-specified radii (**Table 2**). EDR also reviewed selected database lists generated by the United States Environmental Protection Agency (U.S. EPA). Explanations of the regulatory agency database lists reviewed and acronyms used by EDR are presented in EDR’s report included in **Appendix C**.

Table 2. Regulatory Agency Databases/Lists Reviewed

Search Radius	Agency	Database	Type of Records in Database
1 mile	U.S. EPA	NPL	Sites designated for Superfund cleanup by the U.S. EPA
	U.S. EPA	CORRACTS	Resource Conservation and Recovery Act facilities undergoing “corrective actions”
	DTSC	AWP (SPL)	Sites prioritized by the state for cleanup
	IWMB	SWIS	Sites included in the Solid Waste Information System database
0.5 mile	U.S. EPA	CERCLIS	Sites under review by the U.S. EPA
	U.S. EPA	TSD	Facilities that treat, store, and/or dispose of hazardous waste
	DTSC and RWQCB	SLIC/Toxics	Sites with solvents/toxics contamination
	RWQCB	LUST	Sites with leaking USTs (LUSTs)
	IWMB	SWLF/SWAT	Sites permitted as solid waste landfills, incinerators, or transfer stations
	OEP, OHM	CORTESE	Sites on state index of properties with spills
Site/Adjoining Properties Only	U.S. EPA	RCRA Generator	Sites that generate large or small quantities of hazardous waste
	DTSC	Cal-Sites (SCL)	Sites under review by the state

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Search Radius	Agency	Database	Type of Records in Database
Site/Adjoining Properties Only	OES, Fire Department	ERNS	Sites with reported accidental releases of oil and hazardous substances
	SWRCB	UST/AST	Sites with registered USTs or ASTs
	U.S. EPA	CERCLIS – NFRAP	CERCLIS sites with no further remedial actions planned at time of report
	U.S. EPA	FINDS	Sites included on the facility inventory database

Notes:

DTSC=Department of Toxic Substances Control NPL=National Priority List
 RCRA=Resource Conservation and Recovery Act OES = Office of Emergency Services
 FINDS=Facility Inventory Database System SWRCB=State Water Resources Control Board
 RWQCB=Regional Water Quality Control Board SWIS=Solid Waste Information System
 IWMB=Integrated Waste Management Board SWLF=Solid Waste Landfills
 LUST=Leaking Underground Storage Tank
 OEP, OHM = Office of Emergency Planning, Oil and Hazardous Material
 CERCLIS = Comprehensive Environmental Response, Compensation and Liability Information System

5.1.1 Subject Property Listings

Bracher Elementary and the SCUSD are listed in the DTSC Haznet and Hazardous Waste Tracking (HWTS) databases for hazardous waste generation. According to listings in the Haznet and HWTS databases, the subject property is listed for the disposal of asbestos-containing building materials (ACBMs; California Waste Code 151) and other organic solids (California Waste Code 352). No violations were noted. According to an asbestos survey conducted at the school between 2015 and 2020, these listings correspond with the removal of ACBMs or suspect material that were removed in 2001 and 2002. The survey report is discussed further in Section 5.2.4.

5.1.2 Off-site Properties

5.1.2.1 Adjoining Properties

There are two adjoining properties that are listed in the EDR Radius Map Report that are discussed further below.

Alhambra Garden Apartments at 2729 Chromite Drive Apartment A, Santa Clara, California

The Alhambra Garden Apartments are located immediately northwest-adjacent to the subject property across Chromite Drive. The Alhambra Garden Apartments are listed in the California Drycleaners (CA Drycleaners) database for drycleaning and laundry services. According to the listing, the cleaners were listed for operations between November 2012 and February 2013. The facility was listed with Standard Industrial Classification (SIC) code 7211: Power Laundries, Family, and Commercial as well as North

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American Industry Classification System (NAICS) Code 81232: Drycleaning and Laundry Services (except Coin-Operated). Arcadis noted that no listings were found pertaining to hazardous waste generation, hazardous waste storage, or an air permit for drycleaning machinery. Given that this listing maps to a residence and is not associated with listings pertaining to air permitting or hazardous materials storage that are indicative of active dry cleaning operations, this listing is not a REC for the subject property.

Haitao Cheng at 2625 Bonnie Drive in Santa Clara, California

This listing is for a residence located south-adjacent to the subject property. The residence is listed in the Resource Conservation and Recovery Act Non Generator/No Longer Reporting (RCRA NonGen/NLR) database in December 2020; however, no information was available regarding historical hazardous waste generation or historical generator status. No violations or evaluations were noted. Given that no active hazardous waste generation or storage, violations, or evaluations were reported for the property, this listing is not a REC for the subject property.

5.1.2.2 Surrounding Area Properties

There are numerous off-site properties that are listed in the EDR Radius Map Report. Based on the distance to the subject property and the presumed groundwater flow to the north-northeast, one surrounding area property was evaluated to determine if it represented a concern of environmental impairment to the subject property. Arcadis also noted that there are three Superfund investigations within a mile of the subject property at facilities that are located north and presumably downgradient. A brief summary of these properties is also provided below.

California Coach Cleaners at 2654 Bonnie Drive, Santa Clara, California

This property maps to a residence located approximately 180 feet south and upgradient to the subject property. California Coach Cleaners is listed in the EDR Historical Cleaner database as a drycleaning plant from 1989 through 1993. Arcadis noted that no listings were found pertaining to hazardous waste generation, hazardous waste storage, or an air permit for drycleaning machinery. Given that this listing maps to a residence and is not associated with listings pertaining to air permitting or hazardous materials storage that are indicative of active dry cleaning operations, this listing is not a REC for the subject property.

Intel Magnetics at 3000 Oakmead Village, Santa Clara, California

The former Intel Magnetics facility is located approximately 4,100 feet northwest and downgradient to the subject property. The facility is listed in the National Priority List (NPL), Superfund Environmental Management System (SEMS), US Engineering Controls (US ENG CONTROLS), US Institutional Controls (US INST CONTROLS), California Historical California Sites (CA HIST Cal-Sites), Record of Decision (ROD), Potentially Responsible Party (PRP), and Consent databases for an investigation that began in 1982 to evaluate groundwater impacts associated with historical computer memory manufacturing operations at the property. The facility is also listed in the Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG) and New York Manifest (NY Manifest) databases for historical hazardous waste generation in the 1990s. The investigation encompasses work at both 2986 Oakmead Village Court and 3000 Oakmead Village Drive. According to the 2022 Sixth Five-Year Review for Micro Storage Corporation/Intel Magnetics Superfund Site Report (U.S. Army Corps of

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Engineers 2022a), the impacts were associated with overflow releases from a 500-gallon underground storage tank (UST) used to hold solvents at the facility. Remedial activities have included the removal of the solvent UST, excavation of 35 cubic yards of soil, and the operation of a groundwater extraction system from 1986 to 1995. The primary constituents of concern are trichloroethylene (TCE), 1,1-dichloroethylene (1,1-DCE), and cis-1,2-dichloroethylene (cis-1,2-DCE). Based on the most recent groundwater monitoring event in 2020, TCE is the only constituent of concern that remains above the USEPA maximum contaminant level (MCL) and groundwater impacts remain within the footprint of the facilities. Institutional controls have been implemented to restrict the installation of groundwater wells and groundwater use at the facilities since March 15 and July 2015. Given the distance from the subject property, the position of the facilities hydraulically downgradient to the subject property, and the results of the 2021 sampling event, this investigation is not a REC for the subject property.

Applied Materials at 3050 Bowers Avenue, Santa Clara, California

The former Applied Materials facility is located approximately 4,500 feet northwest and downgradient to the subject property. The facility is listed in the NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, Historical UST (Hist UST), ROD, and PRP databases for an investigation that began in 1984 to evaluate solvent releases from three USTs at the former semi-conductor wafer manufacturing facility. The facility is also listed in the RCRA Large Quantity Generator (RCRA-LQG), FINDS, ECHO, and NY Manifest databases for historical hazardous waste generation. According to the 2020 Sixth Five Year Review Report for Applied Materials Superfund Site, Santa Clara County, California (U.S. Army Corps of Engineers 2020), the primary constituents of concern were 1,1,1-trichloroethane (1,1,1-TCA), 1,1,-DCE, TCE, 1,1-dichloroethane (1,1,-DCA), and Freon 113. Remedial activities included the excavation of 60 cubic yards of soil, removal of the USTs, the operation of a pump and treat groundwater system from 1984 through 2002, and groundwater injection treatments. Deed restrictions have been implemented to prevent use of the groundwater underlying the facility for groundwater wells for potable water. Recent sampling indicates that the plume size has reduced and the concentrations of the constituents of potential concern are below the MCLs other than 1,1-DCA which was detected in 2019 slightly above the MCL. Given the distance from the subject property, the position of the facilities hydraulically downgradient to the subject property, and the results of the 2019 sampling event, this investigation is not a REC for the subject property.

Synertek, Inc. (Building 1) at 3050 Coronado Boulevard, Santa Clara, California

The former Synertek, Inc. facility is located approximately 4,200 feet northeast and downgradient of the subject property. The facility is listed in the NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, ROD, and PRP databases for an investigation that began in 1985 to evaluate VOC impacts to groundwater from chlorinated VOCs used in semiconductor manufacturing. The facility is also listed in the RCRA-SQG and ECHO databases for historical hazardous waste generation. According to the 2022 Sixth Five-Year Review Report for the Synertek, Inc. (Building 1) Superfund Site, Santa Clara, California (U.S. Army Corps of Engineers 2022b), the primary constituent of concern at the facility is TCE and associated degradation products (e.g., vinyl chloride). Remedial activities included removal of the historical USTs, excavation of impacted soil, and groundwater treatment. Deed restrictions have been implemented to prevent the installation of new wells and the use of groundwater underlying the site. Based on the recent groundwater sampling in 2020 and 2021, TCE and vinyl chloride concentrations in groundwater remain above the MCLs but the plume is limited to areas immediately northwest of the facility. Given the distance from the subject property, the position of the facilities

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hydraulically downgradient to the subject property, and the results of the 2021 sampling event, this investigation is not a REC for the subject property.

5.2 Historical

Arcadis obtained historical information for the subject property and subject property vicinity that are summarized in **Table 3** below.

Table 3. Historical Information Sources

Type of Record	Dates of Information	Source
Aerial photographs and satellite imagery	1939, 1948, 1950, 1956, 1963, 1968, 1974, 1982, 1993, 1998, 2006, 2009, 2012, 2016, 2020	The EDR Aerial Photo Decade Package
Aerial photographs and satellite imagery	1985, 1993, 2000, 2002 through 2022	Google Earth Pro
Aerial photographs and satellite imagery	1948, 1956, 1960, 1968, 1980, 1982, 1987, 1993, 1999, 2002, 2004, 2005, 2009, 2010, 2012, 2014, 2016, 2018, 2020	Nationwide Environmental Title Research, LLC (NETR) Online
Fire insurance maps	No maps available	Certified Sanborn® Map Report
Property tax files	January 1, 1974	Property record card (Santa Clara County Property Search)
Recorded land title records	January 1, 1974	Property record card (Santa Clara County Property Search)
USGS topographic maps	1889, 1897, 1899, 1953, 1961, 1968, 1973, 1980, 2012, 2015, 2018	EDR Historical Topo Map Report with Quadmatch™
Local street directories	1963, 1970, 1974, 1975, 1980, 1985, 1986, 1991, 1992, 1995, 1996, 2000, 2010, 2014, 2020	EDR-City Directory Image Report
Building department records	No information reported	City of Santa Clara Building Permit Database
Zoning/land use records	2022	City of Santa Clara Zoning Map
Other	May 2, 2023	Interview with Ms. Angeline Ruiz
Other	April 21, 2023	User Questionnaire

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5.2.1 Subject Property

The subject property appeared in topographic maps from as early as 1889 with Saratoga Creek located immediately east-adjacent. No significant changes were evident until 1939 when the subject property was visible in aerial photography as part of a larger tract of orchard land with a cleared path located in the western portion of the subject property. No significant changes were evident at the subject property until 1963, when the former orchard land had been cleared and redeveloped with the current asphalt-paved parking lot, administrative building, and multipurpose rooms in the northern portion of the subject property. The western portion of the subject property was developed with the current asphalt-paved recreational area. The central and eastern portions of the subject property were developed with recreational fields and the eastern boundary of the subject property was vegetated land. No significant changes were evident until 1974, when the vegetated area along Saratoga Creek in the eastern portion of the subject property had been cleared and the boundary of the school property had been landscaped with trees. By 1998, the current portable building east of the multipurpose building had been constructed, two playgrounds had been constructed in the western and southwestern portions of the subject property, and a storage container was visible in the southwestern portion of the subject property. No changes were evident until 2000, when a white material such as concrete appeared to be stored in the eastern portion of the subject property and the custodial shed was visible along the eastern side of the multipurpose room. By 2002, two additional storage containers were visible in the southwestern portion of the subject property and three storage containers were visible south of the portable buildings. The administration building appeared to be under construction. No changes were evident until 2007, when a concrete pitch was constructed in the central portion of the recreational field. No significant changes were visible through the present for the main school campus. However, Arcadis noted that the far eastern portion of the subject property appeared to be intermittently used for soil pile storage from as early as the late 1990s through the present. The soil piles in this area appeared to be intermittently vegetated and contain non-native material that appeared white in aerial photographs. According to interviews with the SCUSD, the soil in this area was brought in from other school sites within the county and no further information was available regarding soil sampling conducted prior to storage at the subject property. Based on the unknown contents of the soil piles, they are a REC for the subject property.

5.2.2 Subject Property Vicinity

The subject property area appeared to be developed with multiple small structures in the surrounding area and Southern Pacific Rail Road tracks northeast of the subject property from as early as 1889. Saratoga Creek was depicted flowing along the eastern side of the subject property. No significant changes were evident until 1939 when the surrounding area was developed with orchard land and agricultural row crops. Multiple small residences or buildings associated with the agricultural land were visible north and northeast of the subject property. No significant changes were evident until 1956, when a portion of the agricultural land northwest of the subject property had been redeveloped with portions of a residential neighborhood. By 1963, the areas west, north, and south of the subject property had been redeveloped with residences and the classroom buildings at Bracher Elementary School west of the subject property. The surrounding area continued to be further developed with residences through the 1960s and 1970s and the area far north beyond the railroad tracks was developed with large commercial/industrial buildings. By 1998 the area north-adjacent to the subject

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property was developed with the current Bracher Senior Apartments and the adjoining and surrounding properties appeared to be in a configuration generally consistent with the current property uses.

5.2.3 Regulatory Agency File Review

Regulatory agency files and records requested and/or reviewed for the subject property and surrounding properties are summarized in the following table:

Table 4. Regulatory Agency File and Records Requests

Agency	Method of Request	Date of Request	Response
USEPA	Online database review (Envirofacts, ECHO)	February 14, 2023	No records available
Regional Water Quality Control Board	Email request; Online database review (Geotracker)	May 4, 2023	No records available for the subject property. See Section 5.1.2 for records reviewed for surrounding area properties.
Department of Toxic Substances Control	Email request; Online database review (Envirostor)	May 4, 2023	No records available
National Pipeline Mapping System (NPMS)	Online database review (NPMS Viewer)	May 9, 2023	No records available
California Department of Water Resources	Online database review	May 9, 2023	No records available
Santa Clara County Department of Environmental Health	Online request	May 9, 2023	No records available
Santa Clara County Department of Agriculture	Online request	May 9, 2023	No records available for the subject property.
Santa Clara Valley Water District (SCVWD)	Online database review	July 2, 2023	No records available
Bay Area Air Quality Management District	Online database review	May 9, 2023	No records available
City of Santa Clara	Online Request	May 5, 2023	No records available
Pacific Gas & Electric	Online database and mapping system review	July 2, 2023	No response provided

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5.2.4 Previous Site Investigations

Arcadis reviewed the following environmental reports for the subject property:

Six-Month Surveillance Asbestos Hazard Emergency Response Act (AHERA) Report, prepared by Hazmat Doc (Hazmat), dated June 10, 2020.

Hazmat conducted an asbestos survey at the Bracher Elementary School Campus in June 2020. This survey was an update to prior surveys conducted between May 2015 and November 2019 in accordance with federal AHERA requirements. The prior surveys identified numerous suspect ACBMs at the school including plaster wall surfacing, fire door core insulation, exterior stucco coating, exterior window putty/sealing compound, pipe fitting insulation, and pipe run insulation. The interior of the administration building and multipurpose building were completely renovated with the exception of the plaster walls and ceilings in 2002. The portable classrooms were constructed in 1997 and no materials were surveyed. The survey identified the following conditions:

- Several samples were historically analyzed for asbestos from the administration building and multipurpose buildings. No asbestos was detected in samples collected at the subject property buildings.
- Numerous suspect ACBMs have been identified at the building through surveys conducted between 2015 and 2020; however, these materials have not been sampled. However, these materials are assumed to contain asbestos and are included in an operations and maintenance program.
- Based on the results of the most recent survey, no abatement was necessary at the subject property.

Additional details regarding the specific locations and conditions of ACBMs identified at the Bracher Elementary School Campus are summarized in the survey report. The subject property address is listed in the DTSC Haznet database and HWTS databases in 2002 for the removal of asbestos containing waste (California Waste Code 151). No further information was available from SCUSD regarding the materials removed during this abatement work. The historical use of ACBMs in buildings at the subject property are a noteworthy condition under ASTM 1527-21 for the subject property. It is Arcadis' understanding that the onsite buildings will be properly surveyed and abated for hazardous materials, including ACBMs, prior to demolition.

6 Additional Research Data

Arcadis conducted additional research in accordance with DTSC Guidance (DTSC 2001), California Code of Regulations Title 22 Section 69104, and the State of California General Education Code Provisions, Division 1, Part 10.5, Chapter 1, Article 1.

6.1 Agricultural Use

The subject property was developed as part of a larger agricultural tract of land from at least 1939 through 1958, when the initial portions of the subject property were constructed.

Based on the use of the subject property as cultivated farmland and orchard land, agricultural chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Provided that the chemicals have been applied in accordance with manufacturer recommendations, residuals remaining in subject property soils and/or groundwater are expected to be similar to other area properties. There were no Division of Agriculture historical pesticide use permits for the subject property that are available for review. According to representatives of the office, records are only available for the past two years and no records have been reported for current agricultural use. Based on the historical orchards observed on the subject property, the application of agricultural chemicals is a potential REC for the subject property in accordance with the June 2006 DTSC Interim Guidance.

6.2 Mines

Arcadis has found no evidence during the course of this assessment to suggest that the subject property was formerly or is currently located in the vicinity of abandoned/inactive mines, mine wastes, and/or unusual environmental conditions resulting from past mining, milling, and/or smelting operations.

6.3 Governmental Use or Ownership

Arcadis has found no evidence during the course of this assessment to suggest that the subject property is or was formerly owned or used by the following U.S. Governmental agencies: Departments of the Army, Air Force, Navy, Defense or Energy, or Formerly Used Defense Sites. In addition, the subject property is not built upon a property which has the potential for the presence of unexploded ordnance.

6.4 Illegal Drug Manufacturing

Arcadis has found no evidence during the course of this assessment to suggest that the subject property was a location of previous law enforcement or DTSC cleanup activities for illegal drug laboratories.

6.5 Debris, Stockpiles, or Fill Material

Arcadis observed evidence of soil pile storage in a fenced area along the eastern boundary of the subject property. According to interviews with the SCUSD, these soil piles consist of soil from other SCUSD school campuses. No information was available regarding the contents of the soil or sampling conducted prior to storage at the subject property. Arcadis did not observe other evidence during the course of this assessment of debris, stockpiles, or fill material present at the subject property.

6.6 Polychlorinated Biphenyls

PCBs are a group of organic chemicals that were used historically in a variety of industrial and chemical applications, including transformers, ballasts, other electrical equipment, and hydraulic oils, among many other products. PCBs were manufactured in the United States from 1929 until 1979, when PCB manufacturing was banned due to the toxicity of PCBs. Based on the construction dates of the buildings at the subject property, PCB-containing ballasts and materials may have been used. No pad or pole-mounted transformers were observed at the subject property.

6.7 Lead-Based Paint

Lead-based paint was commonly used for a variety of purposes, until 1978 when federal regulations banned consumer uses of lead-containing paint, though exceptions applied for certain commercial and other paints. Federal regulations require certain disclosures regarding lead-based paint for housing constructed prior to 1978. The administration and multipurpose buildings at the subject property were constructed in 1958, which pre-dates the ban on consumer uses of lead-containing paint. Arcadis noted that the exterior of the buildings were primarily coated in stucco; however, the original coating for the exterior of the buildings is unknown. No information was available regarding lead sampling conducted at the school site. It is Arcadis' understanding that the onsite buildings will be properly abated prior to demolition.

Based on the construction dates of the buildings, the historical use of lead-based paint on site structures is a potential REC for soil for the subject property in accordance with the June 2006 DTSC Interim Guidance.

6.8 Asbestos-Containing Materials

ACMs have historically been used in a variety of building materials and other products. Between 1973 and 1978, under the asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP), the USEPA banned spray-applied surfacing ACM. In 1989, the USEPA issued a final rule under Section 6 of the Toxic Substances Control Act (TSCA) banning most asbestos-containing products; however, in 1991, the rule was vacated and remanded by the Fifth Circuit Court of Appeals. Only the bans on corrugated paper, rollboard, commercial paper, specialty paper, flooring felt, and any new uses of asbestos remain banned under the 1989 rule. In addition, the Occupational Safety and Health Act defines presumed ACM (PACM) as thermal system insulation (TSI) and surfacing material found in buildings constructed no later than 1980.

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The administration and multipurpose buildings at the subject property were constructed in 1958. Based on the construction dates and prior surveys that have been conducted at the subject property between 2015 and 2020, suspect ACMs are present at the subject property and represent a noteworthy condition. It is Arcadis' understanding that the onsite buildings will be properly abated prior to demolition.

6.9 Naturally Occurring Hazardous Materials

6.9.1 Radon

Radon is a radioactive gas and a product of the natural decay of uranium. Radon can migrate from soil gas into buildings, accumulate in confined spaces, and become a health hazard.

According to the USEPA, the subject property is located in Radon Zone 2, which comprises counties with predicted average indoor radon screening levels from 2 to 4 picocuries per Liter (pCi/L) of air. Federal Area Radon Information from USGS summarizes radon test results at 8 locations in ZIP Code 95051, which average 1.613 pCi/L in first floor living areas. The California Radon database summarizes radon test results for 42 locations in ZIP Code 95051 in Santa Clara that had no locations with radon levels greater than 4 pCi/L.

No property-specific radon test data were available.

6.9.2 Naturally Occurring Asbestos (NOA)

Asbestos deposits, which are located in many parts of California, are commonly associated with serpentine and can be either asbestiform (fibrous) or non-asbestiform (platy). Chrysotile, crocidolite, amosite, tremolite, actinolite, and anthophyllite are the principal forms of asbestos. Chrysotile breaks into curly fibers, while the remaining types tend to have a thin needle-like appearance.

Serpentinite is rock composed almost entirely of serpentine and is the most common host rock for chrysotile. Generally, chrysotile and amphibole asbestos varieties occur in areas where the original rock has metamorphosed under elevated temperatures and pressures. Serpentinite and its parent material, ultramafic rock, are present in California's Sierra Nevada Foothills. Typically, the asbestos content of these rocks ranges from less than 1 percent to about 25 percent, with higher concentrations sometimes found.

Disturbance of asbestos-containing rock and soil can result in a release of asbestos fibers to the air. This disturbance can be caused by driving over roads or driveways surfaced with these materials, construction activities (ripping of outcrops and bedrock), and/or weathering and erosion processes. Once released into the air, asbestos fibers are relatively stable and can remain airborne for long periods of time.

Asbestos fibers that have become airborne can be inhaled deep into the lungs where they can remain for extended periods of time or be translocated to other parts of the body. Once inhaled, asbestos fibers can result in health problems. The potential for developing health problems from asbestos exposure depends on the length and intensity of the exposure. Asbestos is classified as a known human

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carcinogen by state and federal agencies. Diseases related to asbestos exposure include asbestosis, lung cancer, and mesothelioma.

According to a 2007 Geologic Map of the Cupertino and San Jose West quadrangles, Santa Clara, and Santa Cruz Counties, California presented in the United States Geological Survey MapView Database, the subject property is located approximately 7.4 and 7.5 miles northeast and southeast of the nearest serpentine rock deposits, respectively. Given that the outcrops of the serpentine rock deposits are within the 10-mile radius established by the Interim Guidance for NOA at School Sites (DTSC 2004), the potential presence of NOA is a PAOC for the subject property.

6.10 Petroleum Deposits

Arcadis found no evidence through this assessment of petroleum deposits currently or historically present at the subject property. No oil or gas wells were identified in the EDR Radius Map Report or during a review of the California Department of Conservation Division of Oil, Gas, & Geothermal Online Mapping System databases. In addition, no pipelines were identified at the subject property on the National Pipeline Management System (NPMS) Viewer. The closest pipeline is a natural gas pipeline operated by PG&E that is located approximately 1 mile west of the subject property along Lawrence Expressway.

6.11 Railroad Use or Easements

The subject property is located approximately 500 feet west of railroad tracks that were historically operated by Southern Pacific Transportation Company. The tracks are primarily used by Caltrain. No easements or portions of the railroad adjoin the subject property.

Per the California Code of Regulations, Title 5 (Section 14010 (d)), a separate safety study will be conducted for the nearby railroad tracks and easement. A preliminary summary of the safety study components and preliminary information is summarized below and the safety study will be presented with the PEA Report.

- What is the distance from the track easement to the site? *450 feet east of the subject property*
- Are the tracks mainline or spur? *Mainline*
- What kinds of cargo are carried? *Caltrain passenger trains. This will be assessed as part of the safety study.*
- What is the frequency of rail traffic, and how does the rail traffic schedule relate to the school time schedule? *To be assessed as part of the safety study.*
- Is the proposed site near a grade, curve, bridge, signal, or other track feature? *No*
- What is the need for sound and safety barriers? *Sound and safety barriers have been implemented and are present along the southern side of the easement.*
- If pedestrians or vehicles must cross near the tracks, are there adequate safeguards at the crossing? *The closest railroad crossing is approximately 1,000 feet north of the subject property*
- Are there high-pressure gas lines near the tracks that might rupture in the event of derailment? *No high-pressure gas lines are located near the railroad tracks.*

6.12 Utility Easements

Arcadis found no evidence through this assessment of utility easements currently present at the subject property other than municipal utilities such as water and sanitary sewer service or natural gas lines. As discussed in Section 4.1, an SVP electric line is present along the northern boundary of the subject property.

6.13 Residential Use

Arcadis found no evidence through the course of this assessment to suggest historical residential use at the subject property.

6.14 Surface Drainage Pathways

Stormwater runoff sheet flows to grated inlets located in the paved parking areas and inlets within the school campus at the subject property. The drains are routed to the municipal stormwater system. The Saratoga Creek was historically located east-adjacent to the subject property. This area has been developed with residences since the 1960s and no water was observed within this area during site reconnaissance.

6.15 Termiticide Application

Organochlorine pesticides (OCPs) were historically used as insecticides for termite controls around wooden structures. Chlordane was used in the United States from 1948 until 1988, when it was banned by the USEPA. The buildings at the subject property were constructed in 1958 and are wood-framed buildings with plaster stucco exteriors. Based on the construction dates, it is possible that termiticides may have been used at the subject property, which is considered a PAOC for the subject property.

6.16 Regulated Hazardous Waste or Release Site

As noted in Section 5.1.1, the subject property is listed in the DTSC Haznet and HWTS databases for historical hazardous waste generation of ACBMs. The Bracher Elementary School is not currently listed as an active hazardous waste generator.

Arcadis found no evidence during the course of this assessment to suggest that the subject property was formerly or is currently built upon a hazardous substance release site.

6.17 Hazardous Air Emissions

As noted in Section 4.2, there is one facility located within a 0.25-mile radius of the subject property that is registered with the BAAQMD with an air permit. These facilities are commercial properties and not anticipated to emit hazardous air emissions or to handle hazardous or acutely hazardous materials, substances, or waste.

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Arcadis found no evidence during the course of this assessment to suggest that the subject property is located within 500 feet of a busy freeway or traffic corridor.

6.18 Proximity to Active Runways

Arcadis found no evidence through the course of this assessment to suggest that the subject property is located within a 2-mile radius of an active runway. The closest active runway is the Norman Y. Mineta San Jose International Airport that is located approximately 2 miles east of the subject property.

7 Findings

The following sections present the conclusions and recommendations of the background due diligence noted above to provide the rationale to evaluate PAOCs at the subject property.

7.1 Findings and Opinion

Arcadis performed a background due diligence assessment of the subject property in general conformance with the scope and limitations of ASTM Practice E1527-21. This assessment revealed the following RECs, CRECs, HRECs, de minimis conditions, and noteworthy conditions.

7.1.1 Recognized Environmental Conditions

The following RECs were identified in connection with the subject property:

Agricultural Land and Orchard Use: The subject property was developed as part of a larger agricultural tract of land from at least 1939 through 1954, when the buildings at the subject property were constructed.

Based on the use of the subject property as a historical orchard, the application of agricultural chemicals is a potential REC for the subject property in accordance with the June 2006 DTSC Interim Guidance.

Lead-based Paint: Lead-based paint was commonly used for a variety of purposes, until 1978 when federal regulations banned consumer uses of lead-containing paint, though exceptions applied for certain commercial and other paints. Federal regulations require certain disclosures regarding lead-based paint for housing constructed prior to 1978. The buildings at the subject property were constructed in 1954 and 1958, which pre-dates the ban on consumer uses of lead-containing paint. No information was available regarding lead sampling conducted at the school site. It is Arcadis' understanding that the onsite buildings will be properly abated prior to demolition and a sampling plan for lead abatement work is not included.

Based on the construction dates of the buildings, the potential historical use of lead-based paint on site structures and peeling off the structure and contacting surficial soil is a potential REC in soil for the subject property in accordance with the June 2006 DTSC Interim Guidance.

Termiticide Application: OCPs were historically used as insecticides for termite controls around wooden structures. The buildings at the subject property were constructed in 1954 and 1958 and are wood-framed buildings with plaster exteriors. Based on the construction dates, the potential presence of termiticides in soil adjacent to the structures at the subject property is a potential REC in accordance with the June 2006 DTSC Interim Guidance.

Custodial Shed Staining: Arcadis observed staining on the concrete floor in the custodial storage shed. According to Ms. Ruiz, this shed area is used for the cleaning and storage of custodial products. The concrete floor was in poor condition with cracks and breaks. Due to the unknown integrity testing of this concrete, this staining is a potential REC for the subject property.

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Historical Soil Pile Storage: According to interviews with the SCUSD staff and a review of aerial photography, the far eastern portion of the subject property was historically used as a soil storage area for other schools within the SCUSD. No information was available regarding soil sampling conducted prior to this soil storage. The unknown contents of the soil pile are a potential REC for the subject property.

7.1.2 Controlled Recognized Environmental Conditions

No CRECs were identified in connection with the subject property.

7.1.3 Historical Recognized Environmental Conditions

No HRECs were identified in connection with the subject property.

7.1.4 De Minimis Conditions

The following de minimis condition was identified in connection with the subject property:

Staining: Arcadis observed multiple areas with de minimis amounts of staining on concrete floors within utility rooms at the subject property that was attributed to poor housekeeping. De minimis staining was also observed on the asphalt-paved parking lot that was attributed to minor leaks and spills from automobiles. The flooring materials in these areas were in fair condition with no indications of leaks or spills. As a result, this staining is a de minimis condition.

7.1.5 Noteworthy Conditions

The following noteworthy conditions were identified in connection with the subject property:

Asbestos Containing Building Materials: The buildings at the subject property were constructed in 1958. Based on the construction dates and prior surveys that have been conducted at the school, ACBMs are likely present at the subject property and represent a noteworthy condition. It is Arcadis' understanding that the onsite buildings will be properly abated prior to demolition and an ACBM sampling plan is not included.

Naturally Occurring Asbestos: According to a 2007 Geologic Map of the Cupertino and San Jose West quadrangles, Santa Clara, and Santa Cruz Counties, California, the subject property is located approximately 7.4 and 7.5 miles northeast and west of the nearest serpentine rock deposits. Given that the outcrops of the serpentine rock deposits are within the 10-mile radius established by the Interim Guidance for NOA at School Sites, the potential presence of NOA is a noteworthy condition for the subject property.

7.1.6 Data Gaps

No data gaps were identified during the background due diligence.

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7.1.7 Conclusions and Recommendations

Based on the results of Arcadis's subject property history research and site reconnaissance, a sampling and analysis program is recommended to be performed during the PEA to evaluate the following:

- The potential presence of metals (e.g., lead and arsenic) and OCPs in shallow soil associated with historical orchard use throughout the subject property.
- The possible presence of lead and in shallow soil associated with historical use of lead-based paint on the buildings (excluding recent portable buildings) at the subject property.
- The possible presence of polychlorinated biphenyls (PCBs) in shallow soil associated with the potential historical use of PCBs in window caulking and/or glazed paint.
- The possible presence of termiticides in soil associated with the historical use with wood-framed buildings.
- The potential presence of NOA in shallow soils throughout the subject property.
- The possible presence of TPH in soils underlying the asphalt-paved parking lots at the subject property.
- The potential presence of metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), herbicides, organophosphorus pesticides (OPPs), OCPs, PCBs and NOA present in soil piles along the eastern side of the subject property.

8 PEA Scope and Objectives

The California Department of Education (CDE) has adopted an environmental policy requiring that, if applicable, ambient air, subsurface soils, and shallow groundwater at school sites will be evaluated. A “No Further Action” and/or “partial site approval” designation from the DTSC must be obtained before the CDE can approve a school district for the acquisition and/or construction of a new school site or buildings.

The acreage of the school campus for which the SCUSD is seeking approval is approximately 9.4 acres.

The PEA is intended to identify whether a release or threatened release of hazardous substances exists at the subject property and to evaluate the potential risk to human health or the environment before the DTSC issues a “No Further Action” designation.

The overall objectives of the PEA include the following:

- evaluate historical information regarding the past use, storage, disposal, or release of hazardous wastes/substances at the subject property
- conduct a field sampling and analysis program to characterize the nature, concentration, and extent of hazardous wastes/substances present in soil
- estimate the potential threat to public health and/or the environment posed by known hazardous constituents at the Site using a residential land use scenario

Using information developed during the PEA and the conservative human and ecological risk evaluation to be conducted using the DTSC PEA Guidance Manual, the DTSC will make an informed decision regarding potential risks, if any, posed by the subject property.

Possible outcomes of the PEA decision include the following:

- The requirement for further assessment through the remedial investigation/feasibility study process if the Site is found to be significantly affected by hazardous substances
- The need to perform a removal action for areas where localized impacts by hazardous substances release(s) are found
- Issuance of a “No Further Action” finding if the Site is found not to be affected or if risks to human health and the environment are found to be within acceptable levels based on the conservative screening-level risk assessment

8.1 Conceptual Site Model (CSM)

A CSM presents potential sources of contamination, transport mechanisms, and exposure pathways for potential human receptors that is presented on **Figure 5**. The purpose of the CSM is to evaluate the potential risks to public health and the environment and to help develop the PEA sampling plan.

8.2 Constituents of Potential Concern

Suspect constituents of potential concern (COPCs) identified for the subject property during the background due diligence includes California Assessment Manual (CAM)-17 and CCR Title 22 metals, OCPs, TPH, NOA, VOCs, SVOCs, and PAHs.

8.3 Data Quality Objectives (DQO)

The DQOs are measures of the data quality control and are criteria established to assess data gathering, sampling, and analysis.

Sensitivity is defined by detection limits for all analytes or COPCs for all analyses and are expressed in terms of method detection limits (MDLs) or reporting limits (RLs). The MDLs and RLs are acceptable for use in the PEA and do not exceed applicable reporting limits. A summary of the MDLs and RLs are presented in **Table 5**.

8.4 Sampling Strategy

The following subsections outline the proposed sampling plan to address each PAOC identified in the due diligence portion of the PEA assessment. Proposed sampling locations are shown on **Figures 4a and 4b**, and the sampling and analysis summary and quantification limits are presented in **Tables 5 and 6**, respectively.

8.4.1 Administration and Multipurpose Buildings Sampling Plan

The administration and multipurpose buildings in the northern portion of the school campus were constructed in 1958 and are joined by a covered walkway. Three stormwater inlets are located south and east of the conjoined buildings. Based on the construction dates of the administration and multipurpose buildings, soils collected near the buildings will be analyzed for metals and OCPs to evaluate potential historical use of lead-based paint and termiticide use. The soil samples will also be analyzed for PCBs to evaluate the potential historical use of window glazing and window caulk. A subset of samples will be analyzed for NOA due to the proximity to nearby serpentine rock deposits.

8.4.1.1 Pre-Demolition Sampling for CAM-17 Metals, OCPs, and PCBs

In accordance with DTSC guidance (DTSC 2006), seven discrete surface and seven discrete subsurface soil samples will be collected from each side of the conjoined administration and multipurpose buildings at depth intervals of 0-0.5 foot (ft) bgs and 2-2.5 ft bgs. Where possible, the samples will be collected from landscaped and unpaved areas within one foot of the buildings. Three surface and subsurface samples will be co-located south and east of the conjoined buildings near three storm water drainage inlets. Discrete surface and subsurface soil samples will be analyzed for lead and other CAM-17 metals by USEPA Method 6020. Subsurface samples not co-located with storm water runoff drainage inlets will be placed on hold pending analysis of the surface sample for metals. Two of the discrete surface soil samples will also be analyzed for PCBs in unpaved areas near the conjoined

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administration and multipurpose building. Seven surface (0-0.5 ft bgs) and subsurface (2-2.5 ft bgs) discrete samples will be collected for OCP analysis by USEPA Method 8081A.

In summary, seven co-located surface and subsurface samples will be collected for the following analyses:

- Four discrete surface and four discrete subsurface samples will be collected and analyzed for CAM-17 metals by USEPA Method 6020, and OCPs by USEPA Method 8081A
- Two discrete surface and two discrete subsurface samples will be collected and analyzed for CAM-17 metals by USEPA Method 6020, OCPs by USEPA Method 8081A and PCBs by USEPA Method 8082A.
- One discrete surface and one discrete subsurface sample will be collected and analyzed for CAM-17 metals by USEPA Method 6020, and OCPs by USEPA Method 8081A and NOA by USEPA Method Polarized Light Microscopy (PLM) 600/R-93/116

8.4.1.2 Sampling for NOA

In accordance with DTSC Guidance (DTSC 2004), a minimum of one soil boring will be advanced for every 2 acres. Two samples should be collected at the surface (0-0.5 ft bgs) and at 1 foot below the deepest point of any potential excavation. One of the soil borings advanced for metals analysis will also be used for NOA analysis and one surface and subsurface sample will be collected and analyzed for Asbestos by USEPA Method PLM 600/R-93/116.

8.4.2 Custodial Wooden Building Sampling Plan

The custodial shed building was constructed around 2000. Due to the presence of a sewer floor drain sump and staining observed during site reconnaissance, soil samples will be analyzed for VOCs, SVOCs, TPH, and metals to evaluate for subsurface impacts associated with the historical custodial use.

8.4.2.1 Sampling for VOCs, SVOCs, TPH, OCPs, and metals

Based on the presence of the staining near the floor drain, one soil boring will be advanced in the shed. Two discrete soil samples will be collected at depth intervals of 0-0.5 foot (ft) bgs and 2-2.5 ft bgs. The soil samples will be analyzed for VOCs and TPH as gasoline (TPH-g) via USEPA Method 6020B, TPH as diesel (TPH-d) and TPH as motor oil (TPH-o) via USEPA Method 8015, OCPs via USEPA Method 8081A, and metals via USEPA Method 6020.

A subsurface video survey of the sump and approximately 20 feet of piping will also be conducted of the pipe to evaluate the integrity of the piping system.

8.4.3 Portable Classroom Buildings Sampling Plan

The portable classrooms were constructed in 1997. No stormwater inlets were observed near the portable classroom buildings. Soils collected near the portable classrooms will be analyzed for metals and OCPs to evaluate the historical agricultural orchard use at the subject property and termiticide use

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at nearby buildings. A subset of samples will be analyzed for NOA due to the proximity to nearby serpentine rock deposits.

8.4.3.1 Pre-Demolition Sampling for CAM-17 Metals and OCPs

In accordance with DTSC guidance (DTSC 2006), a minimum of two discrete surface soil samples will be collected near the portable classroom buildings at depth intervals of 0-0.5 ft bgs and 2-2.5 ft bgs. Where possible, the samples will be collected from landscaped and unpaved areas within one foot of the buildings. Discrete surface and subsurface soil samples will be analyzed for lead and other CAM-17 metals by USEPA Method 6020.

Two surface (0-0.5 ft bgs) and subsurface (2-2.5 ft bgs) samples will be collected for OCP analysis by USEPA Method 8081A. One surface and subsurface sample will be co-located from each building.

8.4.3.2 Sampling for NOA

In accordance with DTSC Guidance (DTSC 2004), a minimum of one soil boring will be advanced for every 2 acres. Two samples should be collected at the surface (0-0.5 ft bgs) and at 1 foot below the deepest point of any potential excavation. One of the soil borings advanced for metals analysis will also be used for NOA analysis and a one surface and subsurface sample will be collected and analyzed for Asbestos by USEPA Method PLM 600/R-93/116.

8.4.4 Bracher Elementary School Parking Lot

The northern portion of the subject property is developed with an asphalt-paved parking lot. Due to the de minimis staining attributed to parking and the historical use of the subject property as an orchard, soil samples will be analyzed for TPH, metals, and OCPs. A subset of samples will be analyzed for NOA due to the proximity to nearby serpentine rock deposits.

8.4.4.1 Sampling for OCPs, TPH, and Metals

In accordance with DTSC Guidance (DTSC 2008), a minimum of 2 surface soil (0-0.5 ft bgs) and 2 subsurface samples (2.0-2.5 ft bgs) will be collected at the parking lot and analyzed for CAM-17 Metals via USEPA Method 6020 and OCP analysis by USEPA Method 8081A. Based on the identification of de minimis amounts of petroleum staining in the parking lot, two of the surface soil samples will be also analyzed for TPH as diesel and motor oil via USEPA Method 8015M and TPH as gasoline via USEPA Method 8260.

8.4.4.2 Sampling for NOA

In accordance with DTSC Guidance (DTSC 2004), a minimum of one soil boring should be advanced for every 2 acres. Two samples should be collected at the surface (0-0.5 ft bgs) and at 1 foot below the deepest point of any potential excavation. One soil boring will be advanced and one surface and subsurface sample will be collected and analyzed for Asbestos by USEPA Method PLM 600/R-93/116.

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8.4.5 Recreational Asphalt and Field Areas

The central and southwestern portions of the subject property consist of approximately 7 acres of asphalt-paved recreational area as well as a grassy field. Due to the historical use of the subject property as an orchard, soil samples will be analyzed for metals and OCPs. A subset of samples will be analyzed for NOA due to the proximity to nearby serpentine rock deposits.

8.4.5.1 Sampling for CAM-17 Metals and OCPs

In accordance with DTSC guidance (DTSC 2008), a minimum of 14 discrete surface soil (0-0.5 ft bgs) samples should be advanced in these areas. A minimum of 14 surface soil samples should be collected from these borings and analyzed for arsenic and other CAM-17 metals by USEPA Method 6020/7471A. A minimum of 4 surface soil samples (0-0.5 ft bgs) should be collected and composited for OCP analysis by USEPA Method 8081A.

A total of 16 borings will be advanced within the recreational asphalt and fields. A total of four of the discrete surface soil samples will be collected and analyzed for arsenic and other CAM-17 metals via USEPA Method 6020. A total of 4 composite surface soil samples will be analyzed for OCPs from the 16 boring locations (4 discrete samples for one composite sample).

8.4.5.2 Sampling for NOA

In accordance with DTSC Guidance (DTSC 2004), a minimum of one soil boring should be advanced for every 2 acres. Four samples should be collected at the surface (0-0.5 ft bgs) and at 1 foot below the deepest point of any potential excavation. The four soil sample locations used for metals analysis will also be used for NOA analysis. A total of 8 surface and subsurface samples will be collected from these four soil sample locations and analyzed for Asbestos by USEPA Method PLM 600/R-93/116.

8.4.6 Soil Pile Storage Area

The eastern portion of the subject property has been historically used as a soil pile storage area for SCUSD school campuses. The quantity of soil brought on-site is unknown and no further information is available regarding sampling conducted on the soil prior to on-site storage. Due to the unknown composition of the soils, soil samples will be analyzed for VOCs, SVOCs, TPH, metals, PCBs, herbicides, OCPs, and OPPs. A subset of samples will be analyzed for NOA due to the proximity to nearby serpentine rock deposits.

8.4.6.1 Sampling for VOCs, SVOCs, TPH, Metals, PCBs, OCPs, Herbicides, OPPs, and PAHs

Arcadis's preliminary estimate is that there are approximately 5,000 cubic yards of soil along the eastern side of the subject property. Per the DTSC Import Soil Guidance, stockpiles of 5,000 cubic yards would require 12 samples from the stockpile. A total of eight borings will be advanced to depths of one and three feet below the top of the stockpile surface. In addition, four of the eight borings will be advanced into the native underlying soil beneath the stockpiles and soil samples will be collected at 1 foot into the native soils. Soil samples will be analyzed for VOCs and TPH-g via USEPA Method 8260,

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SVOCs via USEPA Method 8270, TPH-d and TPH-o via USEPA Method 8015, OCPs via 8081A, PCBs via USEPA Method 8082A, Herbicides via USEPA Method 8151A, and OPPs via USEPA Method 8141.

Arcadis will also evaluate the volume of the soil stored in this area. The volume of the soil pile will be presented via five lateral transects and one longitudinal transect.

8.4.6.2 Sampling for NOA

Due to the unknown composition of the soil, soil samples will be collected from the ten borings advanced within the soil piles. A total of 20 soil samples will be collected and analyzed for Asbestos by USEPA Method PLM 600/R-93/116.

8.4.7 Classrooms West of the Subject Property

There are seven classroom buildings located west of the subject property within the Bracher Elementary School campus. These buildings were constructed as part of the larger campus in 1963. Per DTSC request, soils collected near the classrooms will be analyzed for metals and OCPs to evaluate potential migration of metals and OCPs to the subject property from historical agricultural orchard use and termiticide application along the foundations.

8.4.7.1 Pre-Demolition Sampling for CAM-17 Metals and OCPs

As requested by DTSC, seven surface soil samples (0-0.5 ft bgs) and seven subsurface soil samples (2-3 ft bgs) will be collected near classroom buildings west of the subject property (Figure 4a). Five of the classrooms in the western portion of the Bracher Elementary School campus are paved along the entire perimeter of the buildings. Samples from these buildings will be collected along the eastern side of these buildings that align with the western boundary of the subject property to evaluate potential migration from off-site buildings. The two remaining samples will be collected from unpaved areas near the classroom buildings further west of the subject property. Discrete surface and subsurface soil samples from these soil boring locations will be analyzed for lead and other CAM-17 metals by USEPA Method 6020 and OCP analysis by USEPA Method 8081A.

8.5 Sample Analysis Summary

A summary of the proposed samples, sample depths, and analysis methods by sample location areas for the PEA Work Plan are presented in **Table 6**. Samples will be collected in laboratory-supplied containers and submitted to a California Department of Health Services-certified laboratory under appropriate chain-of-custody protocols. A summary of the laboratory-provided MDLS and RLs is provided in **Table 5**.

8.6 Pre-Field Activities

Prior to implementation of this PEA work plan, Arcadis will prepare a site-specific Health and Safety plan (HASP) which will be kept on-site during the proposed field activities at the subject property (**Appendix B**). The HASP documents the potential hazards to worker health and safety at the subject property during the proposed field activities and specifies the appropriate means to mitigate or control

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these hazards. The HASP will address the potential for exposure to hazardous constituents and describes general safety procedures. Fieldwork will be monitored to ensure that appropriate health and safety procedures are followed.

Before fieldwork begins, Arcadis will coordinate clearance of proposed sampling locations for underground utilities with Underground Service Alert (USA). A private utility-locating subcontractor may also be used. USA will be notified at least 48 hours in advance of sampling activities.

A notice describing the proposed work and schedule will be distributed by the SCUSD to occupants of properties within line-of-sight of the subject property at least 72 hours prior to commencement of fieldwork (**Appendix F**).

8.7 Field Activities

Arcadis's sampling strategy was prepared in accordance with the following:

- DTSC – *Interim Guidance for Naturally Occurring Asbestos (NOA) at School Sites*, dated September 24, 2004.
- DTSC – *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers*, dated June 9, 2006. Revised September 12, 2006.
- DTSC – *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated August 7, 2008.
- DTSC – *Preliminary Environmental Assessment Guidance Manual*, dated January 1994. Revised October 2015.

As required by the DTSC, a dedicated field notebook or field sampling information forms will be maintained by Arcadis's representative for the Site.

9 Field Operations

9.1 Sampling Methods

Arcadis will collect soil samples using hand-sampling (hand auger) equipment. Samples will be collected in laboratory-supplied glass jars.

All samples will be properly labeled, sealed in plastic bags, and placed in an ice-chilled cooler for transportation to the laboratory under proper chain-of-custody protocols. Analytical methods, types of containers, preservation methods, and holding times are summarized in **Table 7**.

9.2 Decontamination

Equipment will be decontaminated in a pre-designated area over plastic sheeting. Cleaned bulky equipment will be stored on plastic sheeting in uncontaminated areas. Cleaned small equipment will be stored in plastic bags. Materials to be stored more than a few hours will also be covered.

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Re-usable equipment that comes into contact with potentially contaminated soil or groundwater will be decontaminated and rinsed with distilled water before use at each sampling location to ensure the integrity of samples collected. Disposable equipment intended for one-time use will be packaged for appropriate disposal and will not be reused. Drilling and sampling devices used will be decontaminated using high-pressure hot water (steam cleaned) or by the following procedures:

- Laboratory-grade detergent and tap water or deionized water wash, in a 5-gallon plastic bucket, using a brush
- Initial tap water, distilled water, or deionized water rinse, in a 5-gallon plastic bucket
- Final distilled water or deionized water rinse, in a 5-gallon plastic bucket

9.3 Waste Management

Soil and/or wastewater generated from sampling activities will be stored in U.S. Department of Transportation (DOT) approved 55-gallon steel drums. The containers will be labeled and identified with the generator's name and the date the waste was generated. The containers will be secured on site pending characterization and disposal.

Waste Soil. Analytical data generated from the soil investigations will be used to classify the waste soil at the disposal facility for the soil containers, and that additional profiling of the waste soils will not be necessary.

Wastewater. If wastewater is generated during implementation of this work plan, one drum characterization water sample will be collected from the aqueous storage containers. If multiple wastewater containers are used, a drum composite sample of the multiple drums will be collected. The sample will be submitted to a California-certified laboratory for appropriate analysis.

If the waste is classified as hazardous, SCUSD will secure a U.S. EPA identification number from the DTSC for proper management of the hazardous waste. The transportation contractor and disposal facility will comply with the DTSC and DOT requirements of hazardous waste transportation and disposal. The hazardous waste will be transported by a registered hazardous waste hauler under a uniform hazardous waste manifest.

The SCUSD shall make the final determination for such disposal and shall direct Arcadis to make such disposal accordingly

9.4 Sample Handling

9.4.1 Sample Containers, Volumes, and Preservation Requirements

Samples collected will be collected in laboratory-supplied containers and submitted to Enthalpy under appropriate chain-of-custody protocols. A summary of the volumes and preservation requirements are summarized in **Table 7**.

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9.4.2 Sample Identification

Samples will be numbered using the sample location followed by the sample depth interval. A summary of the proposed sample identification information is presented on **Table 6**.

9.4.3 Field Quality Control

Quality assurance/quality control (QA/QC) samples will be analyzed as noted in **Table 6**. QA/QC procedures will be employed in both the field and the laboratory. QA/QC samples include equipment rinsate samples, field blank samples, and field duplicate samples.

The following field QA/QC procedures will be performed at the Site:

- Chain-of-custody forms will be used when submitting samples to the laboratory.
- Daily information regarding soil sample collection will be recorded in a field logbook or on field sampling information forms. Sample types, soil descriptions, sample identification numbers, and sample times will be collected and recorded on field sampling information forms and/or in field logbooks. Pages will be numbered, dated, and signed by the person recording the field data.

Field QA/QC samples will be collected and submitted for analysis along with the discrete soil samples, using the following sampling frequency:

- Field duplicate samples: one for every 10 discrete samples per sample media
- Equipment rinsate blanks: one per field day that includes collection of samples by non-disposable (reusable) sampling equipment
- Field blanks: one per field day that includes collection of samples by reusable sampling equipment (when an equipment rinsate blank sample is collected)

9.4.3.1 Ambient Blank

Ambient blank samples consist of a sample of the distilled water or deionized water used to wash sampling equipment during equipment cleaning activities. The purpose of the ambient blank sample is to evaluate the distilled water or deionized water for the presence of chemicals for which environmental samples are being analyzed. An ambient blank sample will be collected by pouring distilled water or deionized water into the appropriate sample container.

Arcadis will collect an ambient blank sample for each work week at the subject property. The ambient blank(s) will be analyzed for the sample analyte using the same analytical methods as for the sample collected using the reusable equipment and analytical methods used for samples collected during the field day.

9.4.3.2 Equipment Blank

An equipment rinsate blank will be collected from the final water rinsed over equipment after cleaning activities have been performed. The equipment rinsate blank will be collected from non-disposable (reusable) sampling equipment such as soil sampling tools and sampling equipment. To collect an

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equipment rinsate blank sample, distilled water will be poured over or through the recently cleaned equipment, and carefully collected directly into an appropriate sample container held over a bucket. Equipment rinsate blank samples will be stored and processed in the same manner as the other samples.

Arcadis will collect an equipment blank sample for each work day at the subject property. The equipment rinsate blank(s) will be analyzed for the sample analyte using the same analytical methods as for the samples collected using the reusable equipment and analytical methods used for samples collected during the field day.

9.4.3.3 Field Duplicates

Duplicate samples will be collected to evaluate the analytical procedures and methods employed by the laboratory. The duplicate soil sample will be collected immediately below the depth interval where the original soil sample is collected from the boring. One field duplicate sample will be collected for every 10 soil samples collected. Proposed duplicate samples are summarized on **Table 6**.

9.4.4 Sample Custody

Chain-of-custody records are used to document sample collection and shipment to a laboratory for analysis. A chain-of-custody record will accompany the sample shipments for analyses. Forms will be completed and sent with the samples for each laboratory and each shipment. If multiple coolers are sent to a single laboratory on a single day, individual chain-of-custody forms will be completed and sent with the samples in each cooler.

Generally, a sample is considered to be in someone's custody if it is either in someone's physical possession, in someone's view, locked up, or kept in a secured area that is restricted to authorized personnel. Until receipt by the laboratory, the custody of the samples will be the responsibility of the sample collector.

9.5 Record Keeping and Surveying

Daily information regarding soil sample collection will be recorded in a field logbook or on field sampling information forms. Sample types, sample identification numbers, and sample times will be collected and recorded on field sampling information forms and/or in field logbooks.

Arcadis will approximate each boring location using a handheld global positioning system unit, survey flags, and/or marking paint and shown on a figure in the PEA report.

9.6 Laboratory QA/QC Procedures

Laboratory QA/QC procedures include the following:

- Laboratory analyses will be performed within the required holding time for samples submitted for initial analysis and samples being held for analysis based on the results of the initial analyses.

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- Appropriate minimum reporting limits will be used for each analysis. The reporting limits will be lower than the corresponding screening levels presented in the DTSC Human Health and Ecological Risk Office (DTSC HERO) Note 3 or the USEPA Regional Screening Levels (RSLs) for residential use.
- The laboratory will report the following information for each sample delivery group as follows:
 - a discussion of how the QA/QC criteria were met by the laboratory
 - a discussion of hold times
 - matrix spike/matrix spike duplicate results
 - relative percent difference
 - method blank data
 - surrogate recovery, instrument tuning, and calibration data
 - exceptions
 - signed laboratory reports, including the sample designation, date of sample collection, date of sample analysis, laboratory analytical method employed, sample volume, and the minimum reporting limit (any discrepancies will be detailed in a letter provided by the laboratory)

Arcadis will use a California-certified environmental testing laboratory for the sample analyses. Proposed laboratory reporting limits are summarized in **Table 5** and analytical methods, container types, and preservatives are summarized in **Table 7**.

10 Data Evaluation

10.1 Human Health Screening Evaluation

A human health screening evaluation will be performed in accordance with the protocols detailed in the DTSC PEA Guidance Manual. The human health screening evaluation will include a Human Health Risk Assessment (HHRA). The purpose of the HHRA is to estimate adverse human health effects by qualitatively and quantitatively addressing possible routes of exposure associated with the subject property. The scope of work will include the specific tasks listed below.

10.1.1 Data Evaluation and Selection of COPCs

The datasets to be evaluated include soil sample results from the proposed sampling for the PEA. Past known land use and current site operations indicate that detectable concentrations of COPCs are suspected to exist adjacent and in close proximity to the subject property. The suspect COPCs include:

- OCPs
- TPH
- CAM 17 Metals/CCR Title 22 Metals

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- VOCs
- SVOCs
- PAHs
- PCBs

For the purposes of the HHRA, detected chemicals from samples collected during the PEA will be selected as COPCs for evaluation in the HHRA. NOA results will not be evaluated quantitatively in the HHRA.

10.1.2 Exposure Assessment

The exposure assessment (including fate and transport modeling) will follow U.S. EPA and DTSC risk assessment guidelines and use the reasonable maximum exposure methods recommended by the U.S. EPA. The objective of the exposure assessment is to identify potential exposure pathways to individuals who may come in contact with the COPCs originating at the subject property, to characterize potentially exposed populations, and to estimate the extent of exposure.

The proposed future land use for the subject is a school campus, education support facilities, and recreational areas. The anticipated populations to be evaluated would include hypothetical students, full-time school workers, and maintenance/utility workers. However, for purposes of this HHRA, the land use of the subject property will be assumed to be residential in accordance with the DTSC PEA Guidance Manual.

The exposure pathways assumed applicable under the residential land use include:

- incidental ingestion of soil
- direct dermal contact with soil
- inhalation of particulates
- inhalation of vapors in indoor air

Potential direct soil contact (i.e., incidental soil ingestion, inhalation of particulates, dermal contact with soil) and indirect soil contact (i.e., inhalation of airborne dust) will be evaluated using maximum detected concentrations of identified COPCs in soil as exposure point concentrations for estimating potential chronic health hazards associated with COPCs at the subject property. The potential exposure pathways are presented on **Figure 5**.

10.1.3 Toxicity Assessment

The toxicity assessment section will provide a list of available toxicity values and the potential adverse health effects attributable to each of the COPCs included in the HHRA. The toxicity assessment considers the types of adverse health or environmental effects associated with individual and multiple chemical exposures; the relationship between magnitude of exposures and adverse effects; and related

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uncertainties such as the weight of evidence for a COPC's potential carcinogenicity and other deleterious health effects on humans.

The HHRA will use constituent-specific toxicity values to evaluate potential non-carcinogenic and carcinogenic effects presented in the DTSC Human and Ecological Risk Office (HERO) Note 10. In the absence of California-specific toxicity values, sources of toxicological information and toxicity values, in order of preference consistent with USEPA (2003) guidance, include:

- Tier 1 - Integrated Risk Information System (IRIS) (USEPA 2023a). IRIS is an internet database containing current information on human health effects that may result from exposure to chemicals in the environment and has received internal and external scientific review.
- Tier 2 - Provisional Peer-Reviewed Toxicity Values (PPRTV) (USEPA 2023b). PPRTVs were developed by the USEPA Office of Research and Development/National Center for Environmental Assessment/Superfund Health Risk Technical Support Center and are available as chemical-specific issue papers.
- Tier 3 - Additional USEPA and non-USEPA sources of toxicity information, including but not limited to the California Environmental Protection Agency (CalEPA) Office of Environmental Health Hazard Assessment's chronic reference exposure levels and cancer potency values (CalEPA 2019), the Agency for Toxic Substances and Disease Registry (ATSDR) minimal risk levels (ATSDR 2023), and toxicity values published in the USEPA Health Effects Summary Tables (HEAST) (USEPA 1997).

10.1.4 Risk Characterization

Quantitative estimates of the noncarcinogenic and carcinogenic risk to identified human receptor populations will be presented for the COPCs at the Site. Estimates of risk are obtained by integrating information developed during the exposure and toxicity assessments to characterize potential or actual risks. Noncarcinogenic and carcinogenic risk estimates for individual chemicals will be assumed across all pathways and separately for each exposure scenario to obtain total estimated noncarcinogenic hazard index and carcinogenic risk.

The total estimated noncarcinogenic hazard index will be compared to the U.S. EPA and DTSC acceptable hazard index of 1. The total estimated carcinogenic risk will be compared to the Cal-EPA acceptable incremental lifetime cancer risk level of 1×10^{-6} .

10.2 Ecological Screening Evaluation

A detailed ecological screening evaluation will not be performed during this PEA since the subject property is located within a developed area. For this project, the ecological screening evaluation will be limited to one or two paragraphs, describing the site area and the presence or absence of suitable habitat for ecological receptors of concern.

11 Community Involvement

The DTSC and SCUSD will prepare and implement a plan to establish the procedures and protocols for informing the community surrounding the subject property of the PEA evaluation according to the requirements of the California Education Code.

12 PEA Report Preparation and Schedule

12.1 PEA Report

A PEA Report presenting the results of the overall investigation will be prepared and submitted to the DTSC. The PEA report will be prepared in accordance with the DTSC PEA Guidance Manual (DTSC 2015). The report will include site background and environmental setting information, field procedures, presentation of field observations, and analytical results including laboratory report sheets and a table summarizing the analytes, detection limits, minimum concentrations, maximum concentrations, 95 percent upper concentration limits (if appropriate), and exposure point concentrations.

The PEA report will also include a summary of the public participation activities implemented and the human health and ecological screening evaluation. Electronic files with the field data, laboratory data, and at least one geo-referenced figure will be submitted to the DTSC at the time of submission of the PEA report.

Based on the human health and ecological screening evaluation, the summary and conclusions section of the PEA report will address four main questions:

- Have current or past practices resulted in a release or threat of a release at the subject property?
- If a release has occurred or a threatened release exists, does it pose a significant threat to public health or the environment and, if not, why not?
- Does a release pose an immediate potential hazard to health or the environment so as to necessitate an emergency removal action and, if so, why?
- What further specific information and/or removal/remediation actions are necessary to better assess or mitigate health/environmental threats posed by the subject property?

Recommendations will be made regarding the need for additional action to further assess conditions at the subject property, or for limited removal action(s), if appropriate, based on site investigative findings and the screening risk evaluation. If further action is recommended, the PEA report will identify additional investigations and/or remediation needs and strategies. The PEA report will also include recommendations for expedited response actions necessary to mitigate immediate potential hazards to public health or the environment, if needed. No Further Action recommendations will be made if levels of detected contamination are assessed to be below risk-based screening levels.

Arcadis recommends coordinating the DTSC's review of the draft PEA report with the 30-day public comment period for the PEA.

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12.2 PEA Report Schedule

Upon approval of this PEA work plan, Arcadis estimates that four to six weeks will be required to schedule the proposed fieldwork, pending potential permitting or weather delays. A draft PEA report is planned to be submitted to the DTSC approximately 60-days after Arcadis' receipt and review of the validated analytical data from the laboratory. This anticipated schedule precludes conditions beyond the control of Arcadis that would affect the schedule (e.g., barriers to site access, permitting, and/or subcontractor/laboratory availability).

13 References

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Tables

Table 5
Sample Quantitation Limit
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Analyte	Reporting Limit ¹	Method Detection Limit	DTSC Note 3 SL ²	USEPA RSL ³
USEPA Method 6020				
Antimony	3	1.6	--	31
Arsenic ⁴	1	0.67	Background Concentration = 11	
Barium	1	0.2	--	15000
Beryllium	0.5	0.11	16	160
Cadmium	0.5	0.1	--	7.1
Chromium ⁵	1	0.21	--	85,000
Cobalt	0.5	0.1	--	23
Copper	1	0.6	--	3100
Lead	1	0.84	80	400
Molybdenum	1	0.59	--	390
Nickel	1	0.3	820	1,400
Selenium	3	0.6	--	390
Silver	0.5	0.33	--	390
Thallium	3	0.73	--	0.78
Thallium	1	0.13	--	--
Vanadium	1	0.43	--	390
Zinc	5	1	--	23000
USEPA Method 7471A				
Mercury	0.14	0.039	1	11
USEPA Method 8015B				
TPH-GRO C8-C10 ⁶	10	2.4	--	--
TPH-DRO C10-C28	10	2.4	--	--
TPH-ORO C28-C44	20	2.4	--	--
USEPA Method 8082				
Aroclor-1016	0.05	0.011	4	4.1
Aroclor-1221	0.05	0.032	0.2	0.2
Aroclor-1232	0.05	0.0083	0.17	0.17
Aroclor-1242	0.05	0.033	0.23	0.23
Aroclor-1248	0.05	0.037	0.23	0.23
Aroclor-1254	0.05	0.022	0.24	0.24
Aroclor-1260	0.05	0.013	0.24	0.24
Aroclor-1262	0.05	0.0069	--	--
Aroclor-1268	0.05	0.018	--	--
USEPA Method 8081A⁷				
alpha-BHC	0.005	0.0016	0.086	0.086
beta-BHC	0.005	0.0015	0.3	0.3
gamma-BHC	0.005	0.002	0.57	0.57
delta-BHC	0.005	0.0013	--	--
Heptachlor	0.005	0.0013	0.13	0.13
Aldrin	0.005	0.0015	0.039	0.039
Heptachlor epoxide	0.005	0.0023	0.070	0.070
Endosulfan I	0.005	0.0012	450	470
Dieldrin	0.005	0.0021	0.034	0.034
4,4'-DDE	0.005	0.002	2.0	2.0
Endrin	0.005	0.0027	19	19
Endosulfan II	0.005	0.0028	450	470
Endosulfan sulfate	0.005	0.0034	380	380
4,4'-DDD	0.005	0.0021	1.9	2.3
Endrin aldehyde	0.005	0.0021	19	19
Endrin ketone	0.005	0.0041	19	19

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4,4'-DDT	0.005	0.002	1.9	1.9
Methoxychlor	0.01	0.0092	320	320
Toxaphene	0.1	0.054	0.45	0.49
Chlordane (Technical)	0.05	0.035	1.7	1.7
USEPA Method 8260B				
3-Chloropropene	0.005	0.00084	--	0.72
Freon 12	0.005	0.00072	--	87
Chloromethane	0.005	0.00058	--	110
Vinyl Chloride	0.005	0.00074	0.0082	0.059
Bromomethane	0.005	0.00088	--	6.8
Chloroethane	0.005	0.0014	--	5400
Trichlorofluoromethane	0.005	0.00088	1200	23000
Acetone	0.1	0.014	--	70000
Freon 113	0.005	0.00074	--	--
1,1-Dichloroethene	0.005	0.0004	83	230
Methylene Chloride	0.005	0.0018	2.2	57
MTBE	0.005	0.00086	--	47
trans-1,2-Dichloroethene	0.005	0.0005	130	70
1,1-Dichloroethane	0.005	0.00048	3.6	3.6
2-Butanone	0.1	0.0032	--	27000
cis-1,2-Dichloroethene	0.005	0.00052	18	63
2,2-Dichloropropane	0.005	0.00096	--	--
Chloroform	0.005	0.00034	--	0.32
Bromochloromethane	0.005	0.00036	--	150
1,1,1-Trichloroethane	0.005	0.00044	1700	8100
1,1-Dichloropropene	0.005	0.00044	--	--
Carbon Tetrachloride	0.005	0.0006	0.65	0.65
1,2-Dichloroethane	0.005	0.00048	--	0.46
Benzene	0.005	0.00042	0.33	1.2
Trichloroethene	0.005	0.00064	--	0.94
1,2-Dichloropropane	0.005	0.00056	--	2.5
Bromodichloromethane	0.005	0.0005	0.29	0.29
Dibromomethane	0.005	0.00056	--	24
4-Methyl-2-Pentanone	0.005	0.0019	--	33000
cis-1,3-Dichloropropene	0.005	0.0006	--	1.8
Toluene	0.005	0.00052	1100	4900
trans-1,3-Dichloropropene	0.005	0.00076	--	1.8
1,1,2-Trichloroethane	0.005	0.00056	--	1.1
1,3-Dichloropropane	0.005	0.00052	410	1600
Tetrachloroethene	0.005	0.00068	0.59	24
Dibromochloromethane	0.005	0.0006	0.94	8.3
1,2-Dibromoethane	0.005	0.00052	0.036	0.036
Chlorobenzene	0.005	0.00052	--	280
1,1,1,2-Tetrachloroethane	0.005	0.0006	2.0	2.0
Ethylbenzene	0.005	0.00054	--	5.8
m,p-Xylenes	0.01	0.0012	--	550
o-Xylene	0.005	0.0006	--	640
Styrene	0.005	0.00056	5600	6000
Bromoform	0.005	0.0007	19	19
Isopropylbenzene	0.005	0.00072	--	1900
1,1,2,2-Tetrachloroethane	0.005	0.00052	0.6	0.6

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Analyte	Reporting Limit ¹	Method Detection Limit	DTSC Note 3 SL ²	USEPA RSL ³
1,2,3-Trichloropropane	0.005	0.00074	0.0015	0.0051
Propylbenzene	0.005	0.00072	--	3800
Bromobenzene	0.005	0.00078	--	290
1,3,5-Trimethylbenzene	0.005	0.00096	--	270
2-Chlorotoluene	0.005	0.0008	470	1600
4-Chlorotoluene	0.005	0.00092	440	1600
tert-Butylbenzene	0.005	0.00084	2200	7800
1,2,4-Trimethylbenzene	0.005	0.0009	--	300
sec-Butylbenzene	0.005	0.00084	2200	7800
para-Isopropyl Toluene	0.005	0.0011	--	--
1,3-Dichlorobenzene	0.005	0.00086	--	--
1,4-Dichlorobenzene	0.005	0.001	--	2.6
n-Butylbenzene	0.005	0.0011	2400	3900
1,2-Dichlorobenzene	0.005	0.00088	--	1800
1,2-Dibromo-3-Chloropropane	0.005	0.0012	0.0043	0.0053
1,2,4-Trichlorobenzene	0.005	0.0011	7.8	24
Hexachlorobutadiene	0.005	0.0012	1.2	1.2
Naphthalene	0.005	0.00086	2.0	2.0
1,2,3-Trichlorobenzene	0.005	0.001	40	63
Xylene (total)	0.005		--	580
cis-1,4-Dichloro-2-butene	0.005	0.0014	--	--
trans-1,4-Dichloro-2-butene	0.005	0.0011	--	--
USEPA Method 8151				
Carbazole	0.25	0.054	--	--
1-Methylnaphthalene	0.25	0.064	9.9	18
Pyridine	0.25	0.11	58	78
N-Nitrosodimethylamine	0.25	0.085	--	0.0020
Phenol	0.25	0.069	19000	19000
Aniline	0.25	0.081	95	95
bis(2-Chloroethyl)ether	1.2	0.089	0.10	0.23
2-Chlorophenol	0.25	0.075	340	390
1,3-Dichlorobenzene	0.25	0.072	--	--
1,4-Dichlorobenzene	0.25	0.073	--	2.6
Benzyl alcohol	0.25	0.078	6300	6300
1,2-Dichlorobenzene	0.25	0.065	--	1800
2-Methylphenol	0.25	0.071	3200	3200
bis(2-Chloroisopropyl) ether	0.25	0.073	--	--
3-,4-Methylphenol	0.4	0.07	--	--
N-Nitroso-di-n-propylamine	0.25	0.071	0.078	0.078
Hexachloroethane	0.25	0.079	--	1.8
Nitrobenzene	1.2	0.07	--	5.1
Isophorone	0.25	0.067	570	570
2-Nitrophenol	0.25	0.059	--	--
2,4-Dimethylphenol	0.25	0.061	1300	1300
Benzoic acid	1.2	0.12	250000	250000
bis(2-Chloroethoxy)methane	0.25	0.07	190	190
2,4-Dichlorophenol	0.25	0.073	190	190
1,2,4-Trichlorobenzene	0.25	0.062	7.8	24
Naphthalene	0.25	0.064	2	2
4-Chloroaniline	0.25	0.073	2.7	2.7
Hexachlorobutadiene	0.25	0.071	1.2	1.2

Table 5
Sample Quantitation Limit
Bracher Elementary School Campus
2700 Chromite Drive
Santa Clara, California



Analyte	Reporting Limit ¹	Method Detection Limit	DTSC Note 3 SL ²	USEPA RSL ³
4-Chloro-3-methylphenol	0.25	0.062	6300	6300
2-Methylnaphthalene	0.25	0.064	190	240
Hexachlorocyclopentadiene	1.2	0.061	--	1.8
2,4,6-Trichlorophenol	0.25	0.064	7.8	49
2,4,5-Trichlorophenol	0.25	0.086	6300	6300
2-Chloronaphthalene	0.25	0.057	4100	4800
2-Nitroaniline	0.25	0.057	630	630
Dimethylphthalate	0.25	0.084	--	--
Acenaphthylene	0.25	0.053	--	--
2,6-Dinitrotoluene	0.25	0.06	0.36	0.36
3-Nitroaniline	0.25	0.061	--	--
Acenaphthene	0.25	0.05	3300	3600
2,4-Dinitrophenol	1.2	0.19	130	130
4-Nitrophenol	0.25	0.13	--	--
Dibenzofuran	0.25	0.051	66	78
2,4-Dinitrotoluene	0.25	0.062	1.7	1.7
Diethylphthalate	0.25	0.057	51000	51000
Fluorene	0.25	0.044	2300	2400
4-Chlorophenyl-phenylether	0.25	0.05	--	--
4-Nitroaniline	0.25	0.14	27	27
4,6-Dinitro-2-methyl phenol	0.25	0.1	--	--
N-Nitrosodiphenylamine	0.25	0.048	110	110
Azobenzene	0.25	0.064	--	5.6
4-Bromophenyl-phenylether	0.25	0.055	--	--
Hexachlorobenzene	0.25	0.055	0.19	0.21
Pentachlorophenol	1.2	0.051	1.0	1.0
Phenanthrene	0.25	0.053	--	--
Anthracene	0.25	0.048	17000	18000
Di-n-butylphthalate	0.25	0.094	--	--
Fluoranthene	0.25	0.053	2400	2400
Benzidine	1.2	0.082	0.00024	0.00053
Pyrene	0.25	0.051	1800	1800
Butylbenzylphthalate	0.25	0.081	290	290
3,3'-Dichlorobenzidine	1.2	0.054	0.45	1.2
Benzo(a)anthracene	0.25	0.056	1.1	1.1
Chrysene	0.25	0.056	110	110
bis(2-Ethylhexyl)phthalate	0.25	0.089	39	39
Di-n-octylphthalate	0.25	0.08	630	630
Benzo(b)fluoranthene	0.25	0.059	1.1	1.1
Benzo(k)fluoranthene	0.25	0.057	11	11
Benzo(a)pyrene	0.25	0.057	0.11	0.11
Indeno(1,2,3-cd)pyrene	0.25	0.064	1.1	1.1
Dibenz(a,h)anthracene	0.25	0.06	0.028	0.11
Benzo(g,h,i)perylene	0.25	0.055	--	--
2,4,5-T	0.01	0.0037	630	630
2,4,5-TP (Silvex)	0.01	0.00752	510	510
2,4-D	0.1	0.0486	700	700
2,4-DB	0.1	0.0997	1900	--
Dalapon	0.25	0.0724	1900	1900
Dicamba	0.01	0.00473	1900	1900
Dichlorprop	0.1	0.0493	--	--

Table 5
Sample Quantitation Limit
Bracher Elementary School Campus
2700 Chromite Drive
Santa Clara, California



Analyte	Reporting Limit ¹	Method Detection Limit	DTSC Note 3 SL ²	USEPA RSL ³
Dinoseb	0.1	0.0588	63	63
MCPA	10	4.87	32	32
MCPD	10	6.6	63	63
USEPA Method 8141				
Azinphos-methyl	0.5	0.369	190	190
Bolstar	0.5	0.246	--	--
Chlorpyrifos	0.5	0.123	63	63
Coumaphos	0.5	0.196	--	--
Demeton-o/s	1	0.274	2.5	2.5
Diazinon	0.5	0.101	44	44
Dichlorvos	0.5	0.454	1.9	1.9
Disulfoton	0.5	0.121	2.5	2.5
Ethoprop	0.5	0.113	--	--
Fensulfothion	0.5	0.252	--	--
Fenthion	0.5	0.134	--	--
Merphos	0.5	0.217	2.3	2.3
Methyl parathion	0.5	0.246	16	16
Mevinphos	0.5	0.214	--	--
Naled	4	2.76	120	160
Phorate	0.5	0.13	13	13
Ronnel	0.5	0.135	3800	3900
Stirophos	2	0.142	--	--
Tokuthion	0.5	0.127	--	--
Trichloronate	0.5	0.118	--	--

Abbreviations and Acronyms:

DTSC = Department of Toxic Substances Control
MDL = method detection limit
mg/kg = milligram per kilogram
RL = reporting limit
RSL = Regional Screening Level
USEPA = United States Environmental Protection Agency
TPH = Total Petroleum Hydrocarbons

Notes:

1. All values reported in mg/kg.
2. These values are the minimum of the residential cancer and non-cancer screening levels presented in DTSC HERO Note 3 (June 2022).
3. These values are the residential screening levels presented in the May 2023 USEPA RSL Generic Tables (Target Risk=1x10⁻⁶, Target Hazard Quotient=1).
4. The MDL and RL for arsenic are screened against the regional background concentration of 11 mg/kg for properties within the San Francisco Bay area.
5. Given the absence of industrial historical operations at the subject property, total chromium will be screened against the USEPA RSL for trivalent chromium.
6. TPH as gasoline will be analyzed via USEPA Method 8260.
7. Composite OCP samples will be screened against the displayed screening levels divided by 4.

References:

DTSC. 2022. Human Health Risk Assessment Note 3 Tables. June.
USEPA. 2023. Regional Screening Level Tables. November

Table 6
 Sampling and Analysis Summary
 Bracher Elementary School Campus
 2700 Chromite Drive
 Santa Clara, California



On-Site Location	Sample ID	Sample Depth (feet bgs)	Matrix	CAM 17 Metals ¹	OCPs ²	NOA ³	PCBs ⁴	TPH ⁵	VOCs ⁶	SVOCs ⁷	Herbicides ⁸	OPP ⁹	HOLD	Notes	
Administration and Multipurpose Building	AMB-SS-1-0.5	0.0 - 0.5	Soil	X	X	X	--	--	--	--	--	--	--	--	
	AMB-SS-2-0.5	0.0 - 0.5	Soil	X	X	--	X	--	--	--	--	--	--	--	
	AMB-SS-3-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--	
	AMB-SS-4-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--	
	AMB-SS-5-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--	
	AMB-SS-6-0.5	0.0 - 0.5	Soil	X	X	--	X	--	--	--	--	--	--	--	
	AMB-SS-7-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--	
	AMB-SS-1-2.5	2.0 - 2.5	Soil	X	X	X	--	--	--	--	--	--	--	X	Held for metals
	AMB-SS-2-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	X	Held for metals
	AMB-SS-3-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	--	--
	AMB-SS-4-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	X	Held for metals
	AMB-SS-5-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	--	--
AMB-SS-6-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	X	Held for metals	
AMB-SS-7-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	--	--	--	
Potable Buildings	PB-SS-1-0.5	0.0 - 0.5	Soil	X	X	X	--	--	--	--	--	--	--	--	
	PB-SS-2-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--	
	PB-SS-1-2.5	2.0 - 2.5	Soil	X	X	X	--	--	--	--	--	--	--	--	
	PB-SS-2-2.5	2.0 - 2.5	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals	
Custodial Shed	CS-SS-1-0.5	0.0 - 0.5	Soil	X	X	X	--	X	X	--	--	--	--	--	
	CS-SS-1-2.5	2.0 - 2.5	Soil	X	X	--	--	X	X	--	--	--	--	--	
School Parking Lot	PL-SS-1-0.5	0.0 - 0.5	Soil	X	X	X	--	X	--	--	--	--	--	--	
	PL-SS-2-0.5	0.0 - 0.5	Soil	X	X	--	--	X	--	--	--	--	--	--	
	PL-SS-1-2.5	2.0 - 2.5	Soil	X	X	X	--	X	--	--	--	--	--	--	
	PL-SS-2-2.5	2.0 - 2.5	Soil	X	X	--	--	X	--	--	--	--	--	--	
Recreational Fields and Asphalt-Paved Recreational Area	RF-SS-1-0.5	0.0 - 0.5	Soil	X	--	X	--	--	--	--	--	--	--	--	
	RF-SS-6-0.5	0.0 - 0.5	Soil	X	--	X	--	--	--	--	--	--	--	--	
	RF-SS-8-0.5	0.0 - 0.5	Soil	X	--	X	--	--	--	--	--	--	--	--	
	RF-SS-15-0.5	0.0 - 0.5	Soil	X	--	X	--	--	--	--	--	--	--	--	
	RF-SS-1-2.5	2.0-2.5	Soil	--	--	X	--	--	--	--	--	--	--	--	
	RF-SS-6-2.5	2.0-2.5	Soil	--	--	X	--	--	--	--	--	--	--	--	
	RF-SS-8-2.5	2.0-2.5	Soil	--	--	X	--	--	--	--	--	--	--	--	
	RF-SS-15-2.5	2.0-2.5	Soil	--	--	X	--	--	--	--	--	--	--	--	
	RF-SS-COMP-1	0.0 - 0.5	Soil	--	X	--	--	--	--	--	--	--	--	--	Composite of discrete samples RF-SS-1 to RF-SS-4
	RF-SS-COMP-2	0.0 - 0.5	Soil	--	X	--	--	--	--	--	--	--	--	--	Composite of discrete samples RF-SS-5 to RF-SS-8
	RF-SS-COMP-3	0.0 - 0.5	Soil	--	X	--	--	--	--	--	--	--	--	--	Composite of discrete samples RF-SS-9 to RF-SS-12
	RF-SS-COMP-4	0.0 - 0.5	Soil	--	X	--	--	--	--	--	--	--	--	--	Composite of discrete samples RF-SS-13 to RF-SS-16
Soil Pile Area	SP-SS-1-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-2-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-3-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-4-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-5-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-6-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-7-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-8-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--	
	SP-SS-1-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-2-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-3-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-4-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	X	--	--
SP-SS-5-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	X	--	--	

On-Site Location	Sample ID	Sample Depth (feet bgs)	Matrix	CAM 17 Metals ¹	OCPs ²	NOA ³	PCBs ⁴	TPH ⁵	VOCs ⁶	SVOCs ⁷	Herbicides ⁸	OPP ⁹	HOLD	Notes
Soil Pile Area	SP-SS-6-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-7-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-8-3	3.0-3.5	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-1-NS	NS	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-2-NS	NS	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-3-NS	NS	Soil	X	X	X	X	X	X	X	X	X	--	--
	SP-SS-4-NS	NS	Soil	X	X	X	X	X	X	X	X	X	--	--
Western Campus Buildings	WB-1-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-2-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-3-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-4-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-5-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-6-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-7-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
	WB-1-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-2-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-3-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-4-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-5-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-6-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
	WB-7-2.5	2.0-3.0	Soil	X	X	--	--	--	--	--	--	--	X	Held for metals
Total Samples to be Collected				62	62	35	22	26	22	20	20	20	--	
Duplicate Samples														
DUP-1	AMB-SS-1-0.5	0.0 - 0.5	Soil	X	--	X	X	--	--	--	--	--	--	--
DUP-2	PB-SS-2-0.5	0.0 - 0.5	Soil	X	--	--	--	--	--	--	--	--	--	--
DUP-3	CS-SS-1-0.5	0.0 - 0.5	Soil	X	--	X	--	X	X	--	--	--	--	--
DUP-4	RF-SS-1-0.5	0.0 - 0.5	Soil	X	X	X	--	--	--	--	--	--	--	--
DUP-5	SP-SS-1-1	0-1	Soil	X	X	X	X	X	X	X	X	X	--	--
DUP-6	SP-SS-1-NS	NS	Soil	X	X	X	X	X	X	X	X	X	--	--
DUP-7	WB-1-0.5	0.0 - 0.5	Soil	X	X	--	--	--	--	--	--	--	--	--
Sample Blanks¹⁰														
Field Blank	ED-FB	--	Water	--	--	--	--	--	--				--	
Equipment Blank	ED-EB	--	Water	--	--	--	--	--	--				--	

Acronyms and Abbreviations

CAM= California Assessment Manual
 ID = Identification
 NOA = Naturally Occuring Asbestos
 OCP = Organochlorine Pesticide
 OPP = Organophosphorus Pesticide
 PCB = Polychlorinated Biphenyls
 SCUSD = Santa Clara Unified School District
 TPH = Total Petroleum Hydrocarbons
 VOC = Volatile Organic Compounds

Notes

- CAM 17 Metals will be analyzed using USEPA Method 6010B.
- OCPs will be analyzed using USEPA Method 8081A.
- Asbestos will be analyzed using USEPA Method Polarized Light Microscopy (PLM) 600/R-93/116.
- PCBs will be analyzed using USEPA Method 8082A.
- TPH will be analyzed using USEPA Method 8015M.
- VOCs will be analyzed using USEPA Method 8260B.
- SVOCs will be analyzed using USEPA Method 8270C.
- Herbicides will be analyzed via USEPA Method 8151.
- OPPs will be analyzed via USEPA Method 8141.
- One field and equipment blank will be used each day of work assuming reusable equipment is used.

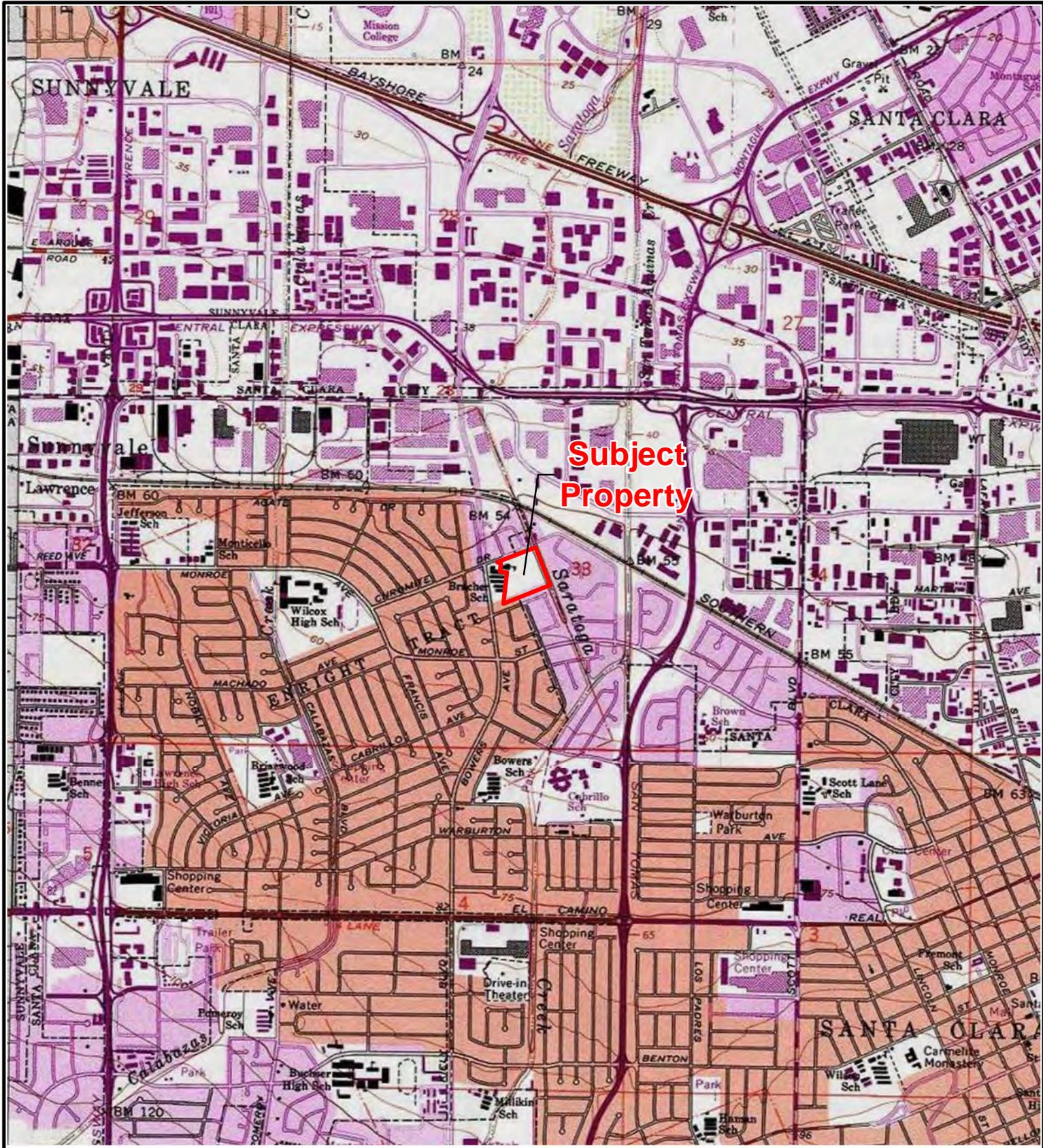
Table 7
Analytical Methods, Container Types, and Preservatives
Bracher Elementary School Campus
2700 Chromite Drive
Santa Clara, California

DRAFT



Analysis	Matrix	Analytical Method	Holding Time	Minimum Volume	Container
CAM 17/Title 22 Metals	Soil	USEPA Method 6020	28 days	10 grams	16 ounce jar
Mercury	Soil	USEPA Method 7471A	28 days	10 grams	16 ounce jar
Total Petroleum Hydrocarbons	Soil	USEPA Method 8015B	14 days	30 grams	16 ounce jar
Polychlorinated Biphenyls	Soils	USEPA Method 8082	14 days	30 grams	16 ounce jar
Organochlorine Pesticides	Soils	USEPA Method 8081A	14 days	30 grams	16 ounce jar
Volatile Organic Compounds	Soils	USEPA Method 8260B	14 days	20 grams	16 ounce jar
Semivolatile Organic Compounds	Soils	USEPA Method 8270C	14 days	20 grams	16 ounce jar
Herbicides	Soils	USEPA Method 8151	14 days	30 grams	16 ounce jar
Organophosphorus Pesticides	Soils	USEPA Method 8141	7 days	30 grams	16 ounce jar

Figures



Subject Property

LEGEND:

 Subject Property



SCALE IN FEET

SANTA CLARA UNIFIED SCHOOL DISTRICT
2700 CHROMITE DRIVE, SANTA CLARA, CA
PRELIMINARY ENVIRONMENTAL
ASSESSMENT WORK PLAN

**SUBJECT PROPERTY
LOCATION MAP**



FIGURE

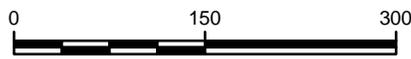
1



APN 21614001

LEGEND:

 Subject Parcel



SCALE IN FEET

SANTA CLARA UNIFIED SCHOOL DISTRICT
2700 CHROMITE DRIVE, SANTA CLARA, CA
PRELIMINARY ENVIRONMENTAL
ASSESSMENT WORK PLAN

PARCEL MAP

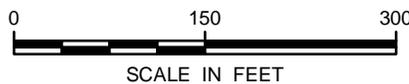


FIGURE
2b



LEGEND:

 Subject Property



SANTA CLARA UNIFIED SCHOOL DISTRICT
2700 CHROMITE DRIVE, SANTA CLARA, CA
PRELIMINARY ENVIRONMENTAL
ASSESSMENT WORK PLAN

**SUBJECT PROPERTY
PLAN MAP**

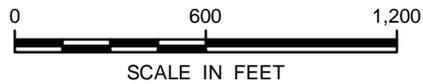


FIGURE
2a



LEGEND:

 Subject Property



SANTA CLARA UNIFIED SCHOOL DISTRICT
2700 CHROMITE DRIVE, SANTA CLARA, CA
PRELIMINARY ENVIRONMENTAL
ASSESSMENT WORK PLAN

SURROUNDING PROPERTY MAP



- Proposed Discrete Surface and Subsurface CAM-17 Metal and OCP Sample Locations
- Proposed Discrete Surface and Subsurface CAM-17 Metal, OCP, and PCB Sample Locations
- Proposed Discrete Surface and Subsurface OCP, CAM-17/Title 22 Metal Samples, and NOA Sample Locations
- Proposed Discrete Surface and Subsurface TPH, CAM-17/Title 22, OCPS, and NOA Sample Locations
- Proposed Discrete Surface and Subsurface VOC, SVOC, TPH, OCPs, and CAM-17/Title 22 Sample Locations
- Storm Water Drainage Inlets

BRACHER ELEMENTARY SCHOOL
 2700 CHROMITE DRIVE, SANTA CLARA, CA
 PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

**PROPOSED SAMPLE LOCATIONS –
 SCHOOL CAMPUS**

 **ARCADIS** | **FIGURE 4a**



- Proposed Discrete Surface OCP Sample Locations¹
- Proposed Discrete Surface CAM-17 Metal Sample Locations, Discrete Surface and Subsurface NOA Sample Locations, and Discrete Surface OCP Sample Locations¹
- Proposed Discrete Surface and Subsurface VOC, SVOC, TPH, OCPs, OPPs, PCB, NOA, Herbicide, and CAM-17/Title 22 Sample Locations

Notes:

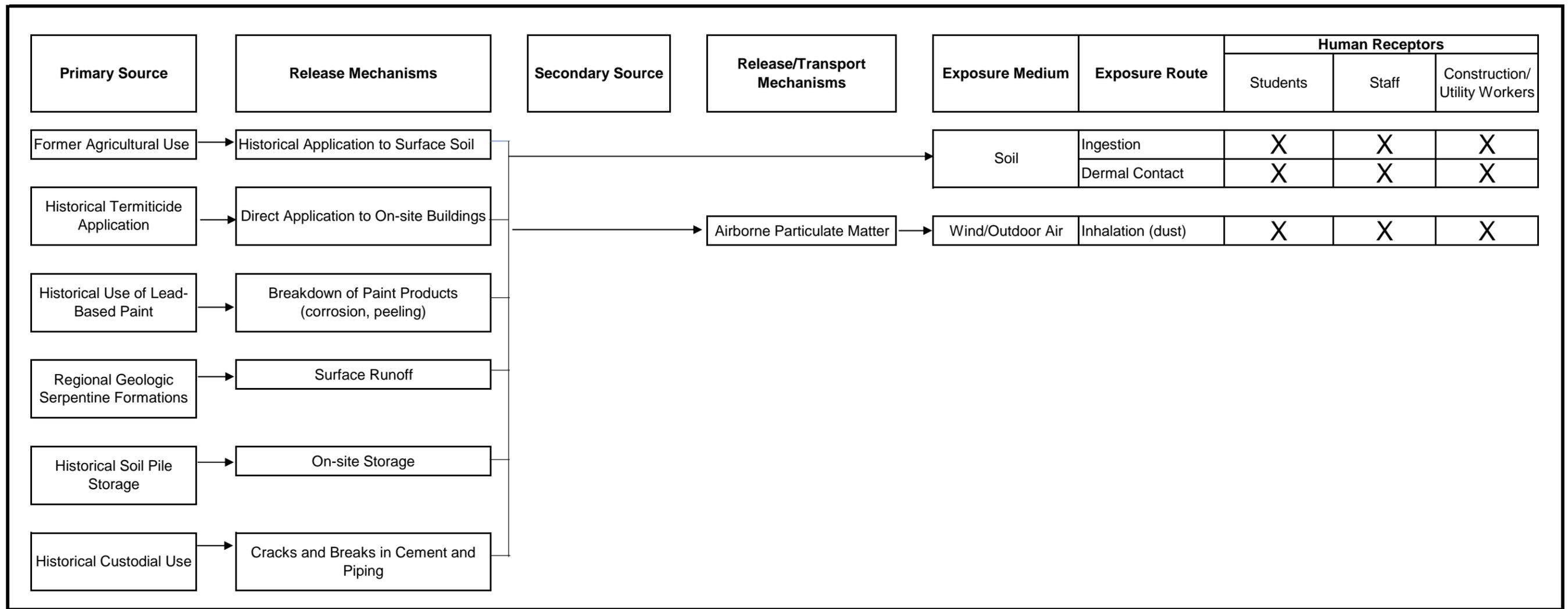
1. Discrete samples will be composited for OCP analysis

BRACHER ELEMENTARY SCHOOL
 2700 CHROMITE DRIVE, SANTA CLARA, CA
 PRELIMINARY ENVIRONMENTAL ASSESSMENT WORK PLAN

PROPOSED SAMPLE LOCATIONS – RECREATIONAL



FIGURE
4b



Conceptual Site Model
 Preliminary Environmental Assessment Work Plan
 Bracher Elementary School

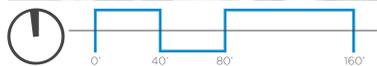
Figure 5

Appendix A

Bracher Elementary Master Plan

Existing Site Plan - Phase 1A

BRACHER ELEMENTARY



- Classrooms**
- # Indicates Grade Level
 - PS Preschool
 - TK Transitional Kindergarten
 - K Kindergarten
 - ED Extended Day
- Electives / Labs**
- PE Physical Education
 - MU Music Room
 - SCI Science Lab
 - STEM STEM Classroom
 - ART Art
- Shared Spaces**
- MPR Multi-Purpose Room
 - LIB Library
 - STG Stage
- Student Services**
- WC Wellness Center (Includes the spaces below)
 - CO Counselor
 - INT Intervention
 - PSY Psychologist
 - SP Speech
 - W Wellness Coordinator
 - RSP RSP
- Admin / Faculty**
- ADMIN Administration (Includes the spaces below)
 - CO Conference
 - FW Faculty Workroom
 - H Health Room
 - KIT Kitchen (Food Service)
 - M Main Office / Front Desk
 - O Office
 - P Principal
- Support Spaces**
- E Elevator
 - ST Storage
 - T Single Occupancy Toilet/Restroom
 - U Utility
 - C Custodian
 - B Boys
 - G Girls
 - GN Gender Neutral
 - EL Electrical
 - LV Low Voltage
 - AV Audio Visual

-  Main Entry
-  LS - Lunch Shelter
-  Drop-Off
-  Portable Classrooms
-  Play Structures
-  Fencing
-  Shade Structures
-  Landscape Area
-  Phase 1A

Site Master Plan Diagram

BRACHER ELEMENTARY



- Classrooms**
- # Indicates Grade Level
 - PS Preschool
 - TK Transitional Kindergarten
 - K Kindergarten
 - ED Extended Day
 - SAI Specialized Academic Instruction

- Electives / Labs**
- PE Physical Education
 - MU Music Room
 - SCI Science Lab
 - STEM STEM Classroom

- Shared Spaces**
- MPR Multi-Purpose Room
 - LIB Library
 - STG Stage
 - COLAB Collaboration Space

- Student Services**
- WC Wellness Center (Includes the spaces below)
 - CO Counselor
 - INT Intervention
 - PSY Psychologist
 - SP Speech
 - W Wellness Coordinator
 - RSP RSP

- Admin / Faculty**
- ADMIN Administration (Includes the spaces below)
 - CO Conference
 - FW Faculty Workroom
 - H Health Room
 - KIT Kitchen (Food Service)
 - M Main Office / Front Desk
 - O Office
 - P Principal

- Support Spaces**
- E Elevator
 - ST Storage
 - T Single Occupancy Toilet/Restroom
 - U Utility
 - C Custodian
 - B Boys
 - G Girls
 - GN Gender Neutral
 - EL Electrical
 - LV Low Volatage
 - AV Audio Visual

-  Main Entry
-  Drop-Off
-  Play Structures
-  Shade Structures
-  LS - Lunch Shelter
-  Portable Classrooms
-  Fencing
-  Landscape Area

Teaching Stations:

PS (Preschool):	(2)
TK (Transitional Kinder):	(2)
SAI TK/PS:	(1)
Kindergarten:	(4)
SAI K:	(1)
Grades 1-3:	(11)
SAI 1-3:	(1)
Grades 4-5:	(7)
SAI 4-5:	(1)
Sub-Total:	30

Additional Spaces:

Extended Day:	(2)
Enrichment (PE, MU, STEM/SCI):	(3)
Total:	35



-  MODERNIZATION
-  RECONFIGURE
-  NEW CONSTRUCTION

Appendix B

Health and Safety Plan



Site Specific Health and Safety Plan

Revision 20

Project Name: Bracher Elementary School Santa Clara, California

Project Number: 30155229
Client Name: SCUSD
Date: 6/20/2023
HASP Expires: 6/19/2024
Revision: 0

Approvals:

HASP Developer: Madeleine Osaki

Project Manager: Julie Munn

HASP Reviewer: Wes Chase
HASP Reviewer Name Typed

HASP Reviewer Signature (handwritten or digital signature)

Emergency Information

Site Address:

Bracher Elementary School
2700 Chromite Drive
Santa Clara, CA 95051

Emergency Phone Numbers:

Emergency (fire, police, ambulance)		911
Emergency (facility specific, if applicable):		
Santa Clara Police Dept. - Non Emerg.		408-615-5580
Santa Clara Fire Station #5		408-615-4900
Emergency Other (specify):		
Primary Client Contact:	Melissa Kersh	408-423-2148
WorkCare (non-life-threatening injury/illness):		1-888-449-7787
Project H&S:	Divya Mehta	978-322-4501
Task Manager:	Julie Munn	916-865-3153
Project Manager:	Julie Munn	916-865-3153
H&S Specialist:	Alec MacAdam	720-454-0948
Area H&S Director:	Aaron Svitana	925-360-2313

Hospital Name and Address:

O'Connor Hospital
2105 Forest Ave
San Jose, CA 95128

Hospital Phone Number: 408-947-2500

Supplemental Client Contact Information:

Other Important Phone Numbers:

Poison Control Center	1-800-222-1222
Nat. Response Ctr. (spills in reportable quantities)	1-800-424-8802
U.S. Coast Guard (spills to water)	1-800-424-8802

Incident Reporting Protocol Within Arcadis

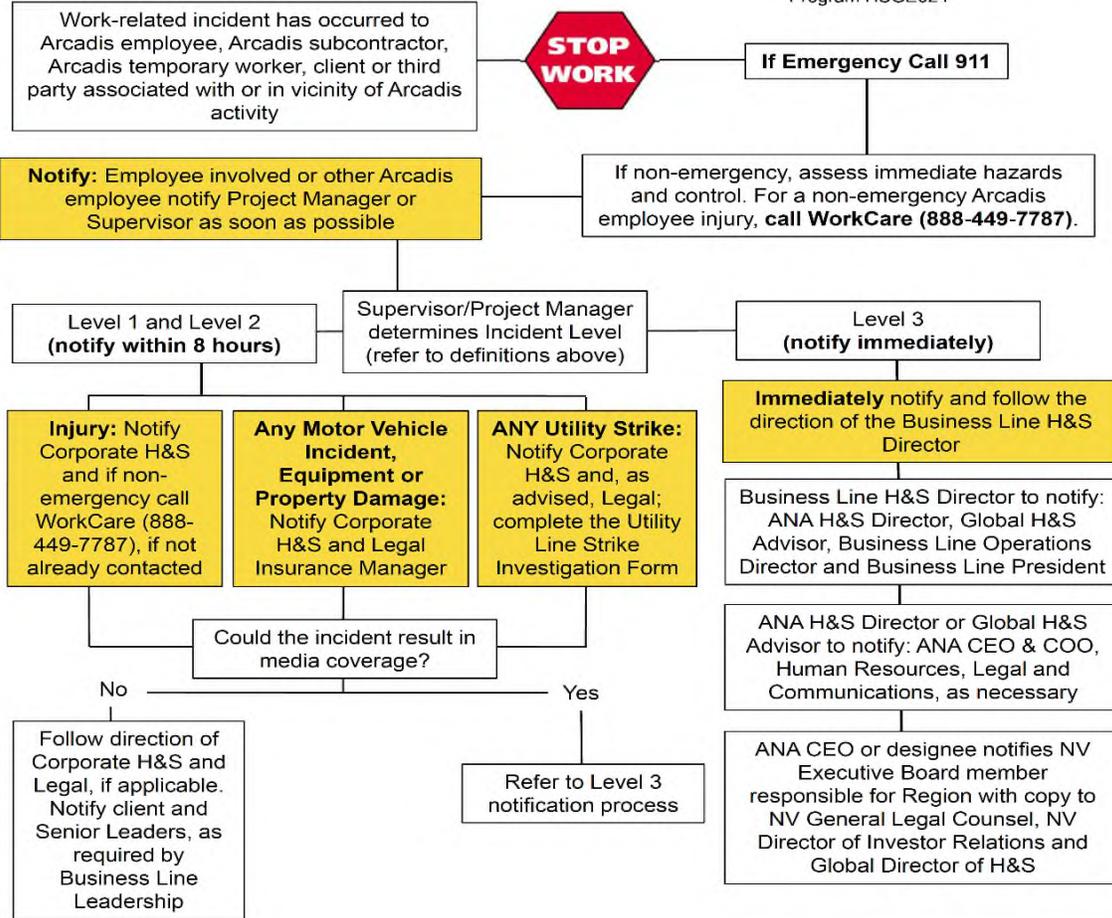
Incident Levels

Level 1: First aid/self-treated, work-related injury (contact WorkCare as soon as possible); minor property or equipment damage (less than or equal to \$100); vehicle loss event* (no injuries, no third-party involvement or other vehicle involvement).

Level 2: Professional Medical Treatment (if non-emergency injury or illness, employee must contact WorkCare as soon as possible); moderate property or equipment damage (greater than \$100 but less than or equal to \$5,000); ANY utility strike incident, any motor vehicle accident* (including injury or third-party involvement).

Level 3: Immediately report fatality, severe or catastrophic injury and/or overnight hospitalization required; significant property or equipment damage (greater than \$5,000); missing person or incident that generates media coverage.

* Refer to Motor Vehicle Safety Program HSGE024



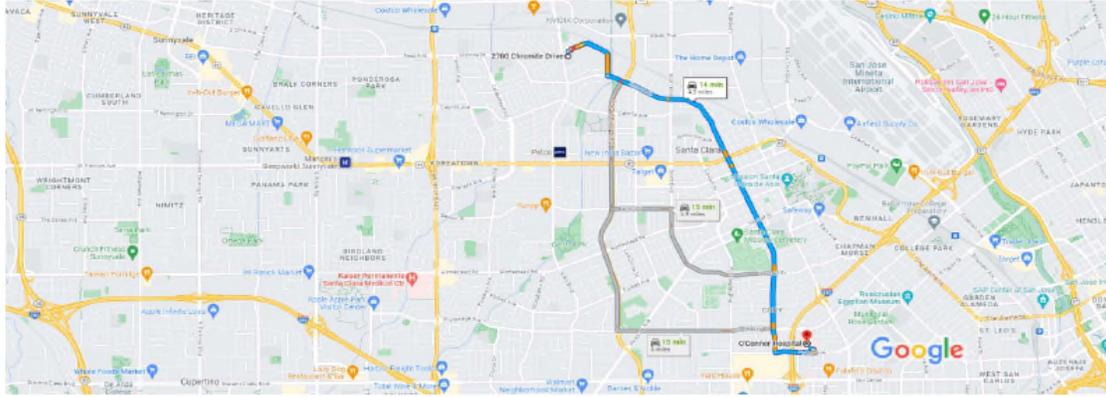
Client Incident Reporting Protocol

Project team must manually enter client incident protocol to client below

Client reporting protocol must be provided by the project team at the bottom of this worksheet.

Route to the Hospital

Google Maps 2700 Chromite Dr, Santa Clara, CA 95051 to O'Connor Drive 4.3 miles, 14 min Hospital



 **via Monroe St** **14 min**
Fastest route now due to traffic conditions 4.3 miles

 **via San Tomas Expy** **15 min**
5.0 miles

 **via San Tomas Expy and Newhall St** **15 min**
4.9 miles

Explore nearby O'Connor Hospital

Site Type

The project site is an active facility with the following attributes:

Commercial	
Parking Lot/Private Drive (NON ROW)	

Work in parking lots will require preparation of a Non-ROW Traffic Safety Plan.

Surrounding Land Use and Topography

Land use is two school campuses with paved parking lot. Surrounding area is residential and commercial.

Simultaneous Operations (SimOps)

Planned Arcadis site work will not be in proximity to SimOps work activities performed by non Arcadis employees or subcontractors. Arcadis will initiate stop work and evaluate the work activities through the JSA process if during the course of work a SimOps activity is identified that could reasonably affect health and safety of Arcadis employees and subcontractors.

Site Background

No previous environmental work has been done on the site. The field work is investigative.

Project Tasks

The following tasks are identified for this project:

1	Mobilization - Loading and unloading vehicles
2	Waste - Liquid waste sampling using manual methods
3	Sampling - Sediment sampling using hand auguring
4	Sampling - Soil sampling using shovel, spade, spoon or trowel
5	Decontamination - Small or hand-held objects using manual methods
6	Waste - Containment of IDW in small containment devices greater than 10 gallons but less than or equal
7	Waste - Solid waste sampling using manual methods
8	Select
9	Select
10	Select
11	Select
12	Select
13	Select
14	Select
15	Select
16	Select
17	Select
18	Select
19	Select
20	Select

The following documents/plans/support associated with the above task(s) are attached or to be provided:

- A California Heat Illness Prevention Plan (HIPP) and Injury and Illness Prevention Plan (IIPP).
- The Arcadis Utilities and Structures Checklist must be used for utility clearance activities.

Required Checklists/Work Forms

<i>Tailgate Safety Briefing Form</i>
<i>Vehicle Inspection Checklist</i>
<i>Utilities and Structures Checklist</i>

Required Permits

<i>Not Applicable</i>

Required H&S Standards

<i>First Aid/CPR_ARC HSGE004</i>
<i>Bloodborne Pathogens_ARC HSGE005</i>

Short Service Employees (SSEs), Part Time As Needed Employees (PTANs) and Temporary Agency Employees

SSEs are identified in the Roles and Responsibilities section of this HASP. Project team must ensure SSEs with <1 year of experience at Arcadis working on this project have completed: 1) participation in New Hire Call within 7 days, 2) complete New Hire Orientation within 14 days, and 3) complete SSE TIP as observee within 60 days. Inexperienced Workers must be assigned a mentor for new or unfamiliar task work (ARC HSGE019).

Roles and Responsibilities

Name	Role	Short Service Employee
1 Julie Munn	Project Manager (PM)	No
2 NA	Associate Project Manager (APM)	No
3 Divya Mehta	Task Manager	No
4 Divya Mehta	Field Technical Lead	No
5 Divya Mehta	Site Safety Officer (SSO)	No
6		
7		
8		
9		
10		

Training

All Arcadis employees are required to have the following training to be on site:

Selected Arcadis employees are required to have the following additional training:

	Names or Numbers from above
BBP (Bloodborne Pathogens)	None
Defensive Driving - Smith On-Line	None
DOT HazMat #1	None
First Aid/CPR	None
Hazwoper 40-Hour	None
PPE (non-certificate)	None
None	None
Client specific/Other:	None
	None

(1) The Arcadis Basic H&S Training Suite includes: H&S Orientation, Smith System Forward/Backing Training, Hazard Communication (HAZCOM/GHS), Emergency Action Planning (EAP), Personal Protective Equipment, and Hearing Conservation

The Arcadis Fundamental H&S Principles

Staff working on any of the task(s) listed above must utilize the six Arcadis Fundamental H&S Principles to ensure work is conducted safely. These principles include: 1) Use of TRACK, 2) H&S Planning, 3) Stop Work Authority, 4) "If Not Me Then Who", 5) Stewardship, and 6) Incident Reporting. Every project team member plays an important role in project health and safety. This is more than just having a HASP, training, or PPE. Proactive staff engagement with these principles is critical to a safe work environment.



General Task Hazard Assessment and Risk Control (HARC)

General: **Site-Wide**

The 12 hazard category HARC ratings are not available in this General THA. The mitigated and unmitigated ratings for the hazards presented are based on the Risk Assessment Matrix below. Modify hazards and ratings as necessary to meet project needs.

Risk Assessment Matrix		Likelihood Ratings			
Consequences Ratings		A	B	C	D
People	Property	0 Almost Impossible	1 Possible but Unlikely	2 Likely to Happen	3 Almost Certain to Happen
1-Slight or No Health Effect	Slight or No Damage	0-Low	1-Low	2-Low	3-Low
2-Minor Health Effect	Minor Damage	0-Low	2-Low	4-Medium	6-Medium
3-Major Health Effect	Local Damage	0-Low	3-Low	6-Medium	9-High
4-Fatalities	Major Damage	0-Low	4-Medium	8-High	12-High

Hazard #1

Driving - On road - Injury or vehicle damage from motor vehicle accident or incident

Suggested FHSBH Ref: 3.4 To mitigate this hazard, use TRACK and the following:
 Overall Unmitigated Risk: **HIGH** Smith System (on line)
 Mitigated Risk: **MEDIUM** JSAs
 Comments: Use Smith System "5-Keys" when driving. See Driving JSA for details.

Hazard #2

Driving - Driver - Injury, death or property damage due to driver distraction, fatigue, etc.

Suggested FHSBH Ref: 3.4, 3.21 To mitigate this hazard, use TRACK and the following:
 Overall Unmitigated Risk: **HIGH** Smith System (on line)
 Mitigated Risk: **LOW** Driver awareness/use of stop work authority
 Comments: Use route planning. Keep eyes moving while driving. See Driving JSA.

Hazard #3

Biological - skin/eye irritation or damage from poisonous plants

Suggested FHSBH Ref: 3.17.11 To mitigate this hazard, use TRACK and the following:
 Overall Unmitigated Risk: **LOW** See HASP "Tick/Poisonous Plant Hazards" Section
 Mitigated Risk: **LOW** Job Briefing/Site Awareness
 Comments: Use skin pre-treatment lotions when available.

Hazard #4

Biological - bites or stings from exposure to insects or arachnids

Suggested FHSBH Ref: 3.17: 2,3,7,8,9,10 To mitigate this hazard, use TRACK and the following:
 Overall Unmitigated Risk: **LOW** PPE (see HASP "PPE" section)
 Mitigated Risk: **LOW** Job Briefing/Site Awareness
 Comments: Do body check daily. For ticks see also HASP Tick/Poisonous Plant section

Hazard #5

Biological - cuts, scrapes, skin/eye puncture from exposure to physically damaging plants

Suggested FHSBH Ref: 3.17.11 To mitigate this hazard, use TRACK and the following:
 Overall Unmitigated Risk: **MEDIUM** Job Briefing/Site Awareness
 Mitigated Risk: **LOW** PPE (see HASP "PPE" section)
 Comments:

General Task HARC (continued)

Hazard #6		
Environmental - Thermal stress - Injury or illness from heat or cold		
Suggested FSHSB Ref:	3.16	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	MEDIUM	Field H&S Handbook
Mitigated Risk:	LOW	JSAs
Comments:	Use job rotation or rest breaks. Stay hydrated and eat regularly.	
Hazard #7		
Environmental - Inclement weather -Injury or equipment damage from inclement weather		
Suggested FSHSB Ref:	3.12	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	MEDIUM	Weather Monitoring
Mitigated Risk:	LOW	Cont./Emerg. Planning
Comments:	Use 10/30 rule for lightning. See FSHSB section 3.12.2 for details.	
Hazard #8		
Motion - Musculoskeletal - Injury from lifting, twisting , stooping, or awkward body positions		
Suggested FSHSB Ref:	3.29.1	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	MEDIUM	Engineering Controls (specify in comments)
Mitigated Risk:	LOW	Admin. Controls (specify in comments)
Comments:	Use proper lifting techniques. See FSHSB/HASP Stretching Worksheet. Job rotation.	
Hazard #9		
Motion - Musculoskeletal - Injury from repeated work activity or body motion		
Suggested FSHSB Ref:	3.29.2	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	MEDIUM	Field H&S Handbook
Mitigated Risk:	LOW	Admin. Controls (specify in comments)
Comments:	Use job rotation or lifting aids. See FSHSB/HASP Stretching Worksheet.	
Hazard #10		
Gravity - Falls - Injury due to slips and trips		
Suggested FSHSB Ref:	3.26.4, 4.11	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	MEDIUM	Site Awareness
Mitigated Risk:	LOW	Housekeeping
Comments:	Use footwear appropriate for site conditions, plan routes and do not hurry while walking.	
Hazard #11		
None		
Suggested FSHSB Ref:	None	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	Not Ranked	Select
Mitigated Risk:	Not Ranked	Select
Comments:		
Hazard #12		
None		
Suggested FSHSB Ref:	None	To mitigate this hazard, use TRACK and the following:
Overall Unmitigated Risk:	Not Ranked	Select
Mitigated Risk:	Not Ranked	Select
Comments:		

Task Specific HARC

Task 1:		Mobilization - Loading and unloading vehicles					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:		3.9			
Biological*	-	Chemical	L	Driving*	-	Electrical	L
Environmental*	L	Gravity*	M	Mechanical	L	Motion*	M
Personal Safety	L	Pressure	L	Radiation	L	Sound	L
* Hazard rating, if present, excludes General THA hazards in this category.							
Hazard #1							
Mechanical - Pinch point - Injury by pinching of body part in mechanical process							
Suggested FHSB Ref:	3.27.4		To mitigate this hazard, use TRACK and the following:				
Overall Unmitigated Risk:	MEDIUM		Site Awareness				
Mitigated Risk:	LOW		PPE (see HASP "PPE" section)				
Comments:							
Hazard #2							
Motion - Cuts and scrapes - Injury from moving object impacting skin or eye							
Suggested FHSB Ref:	2.5, 3.22		To mitigate this hazard, use TRACK and the following:				
Overall Unmitigated Risk:	MEDIUM		Site Awareness				
Mitigated Risk:	LOW		PPE (see HASP "PPE" section)				
Comments:							

Task Specific HARC (continued)

Task 2:		Waste - Liquid waste sampling using manual methods					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:				3.31	
Biological*	L	Chemical	M	Driving*	-	Electrical	-
Environmental*	M	Gravity*	M	Mechanical	-	Motion*	M
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Chemical - liquids, skin or eye irritation/damage/allergy							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							
Hazard #2							
Chemical- liquids - injury or illness from skin absorption							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							

Task Specific HARC (continued)

Task 3:		Sampling - Sediment sampling using hand auguring					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:				3.9	
Biological*	L	Chemical	L	Driving*	-	Electrical	L
Environmental*	M	Gravity*	L	Mechanical	-	Motion*	M
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Chemical- solids/particulates - injury or illness from skin absorption							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							
Hazard #2							
Chemical - solids/particulates, skin or eye irritation/damage/allergy							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							
Hazard #3							
Environmental - Utilities - Injury or property damage from utility strike/damage							
Suggested FHSB Ref:	3.36			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	HIGH			Specialized Checklist/Forms			
Mitigated Risk:	MEDIUM			Inspections			
Comments:							

Task Specific HARC (continued)

Task 4:		Sampling - Soil sampling using shovel, spade, spoon or trowel					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:				3.9	
Biological*	L	Chemical	L	Driving*	-	Electrical	-
Environmental*	M	Gravity*	M	Mechanical	-	Motion*	M
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Chemical- solids/particulates - injury or illness from skin absorption							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							
Hazard #2							
Chemical - solids/particulates, skin or eye irritation/damage/allergy							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			JSAs			
Comments:							

Task Specific HARC (continued)

Task 5:		Decontamination - Small or hand-held objects using manual methods					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:				3.10.4	
Biological*	L	Chemical	M	Driving*	-	Electrical	-
Environmental*	L	Gravity*	L	Mechanical	-	Motion*	L
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Chemical- liquids - injury or illness from skin absorption							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #2							
Chemical - liquids, skin or eye irritation/damage/allergy							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							

Task Specific HARC (continued)

Task 6:	Waste - Containment of IDW in small containment devices greater than 10 gallons bu						
HARC Unmitigated	Hazard Types (H-High, M-Medium, L-Low):				FHSBH Ref:		3.3
Biological*	L	Chemical	M	Driving*	-	Electrical	-
Environmental*	M	Gravity*	M	Mechanical	L	Motion*	M
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Mechanical - Pinch point - Injury by pinching of body part in mechanical process							
Suggested FHSBH Ref:	3.27.4			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #2							
Chemical- solids/particulates - injury or illness from skin absorption							
Suggested FHSBH Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #3							
Chemical - solids/particulates, skin or eye irritation/damage/allergy							
Suggested FHSBH Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #4							
Chemical- liquids - injury or illness from skin absorption							
Suggested FHSBH Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #5							
Chemical - liquids, skin or eye irritation/damage/allergy							
Suggested FHSBH Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							

Task Specific HARC (continued)

Task 7:		Waste - Solid waste sampling using manual methods					
HARC Unmitigated Hazard Types (H-High, M-Medium, L-Low):		FHSB Ref:				3.31	
Biological*	L	Chemical	L	Driving*	-	Electrical	-
Environmental*	M	Gravity*	M	Mechanical	-	Motion*	M
Personal Safety	L	Pressure	L	Radiation	-	Sound	L
Hazard #1							
Chemical- solids/particulates - injury or illness from skin absorption							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							
Hazard #2							
Chemical - solids/particulates, skin or eye irritation/damage/allergy							
Suggested FHSB Ref:	3.9, 3.22, 3.30, 3.33			To mitigate this hazard, use TRACK and the following:			
Overall Unmitigated Risk:	MEDIUM			PPE (see HASP "PPE" section)			
Mitigated Risk:	LOW			Select			
Comments:							

Hazard Communication (HAZCOM)/Global Harmonization System (GHS)

HAZCOM/GHS for this project is managed by the client or general contractor

List the chemicals anticipated to be used by Arcadis on this project per HAZCOM/GHS requirements.
(Modify quantities as needed)

Preservatives		Qty	Decontamination		Qty	Calibration		Qty.
<input checked="" type="checkbox"/>	Not applicable		<input type="checkbox"/>	Not applicable		<input type="checkbox"/>	Not applicable	
<input type="checkbox"/>	Hydrochloric acid	<500 ml	<input checked="" type="checkbox"/>	Alconox	≤ 5 lbs	<input checked="" type="checkbox"/>	Isobutylene/air	1 cyl
<input type="checkbox"/>	Nitric acid	<500 ml	<input type="checkbox"/>	Liquinox	≤ 1 gal	<input type="checkbox"/>	Methane/air	1 cyl
<input type="checkbox"/>	Sulfuric acid	<500 ml	<input type="checkbox"/>	Acetone	≤ 1 gal	<input type="checkbox"/>	Pentane/air	1 cyl
<input type="checkbox"/>	Sodium hydroxide	<500 ml	<input type="checkbox"/>	Methanol	≤ 1 gal	<input type="checkbox"/>	Hydrogen/air	1 cyl
<input type="checkbox"/>	Zinc acetate	<500 ml	<input type="checkbox"/>	Hexane	≤ 1 gal	<input type="checkbox"/>	Propane/air	1 cyl
<input type="checkbox"/>	Ascorbic acid	<500 ml	<input type="checkbox"/>	Isopropyl alcohol	≤ 4 gal	<input type="checkbox"/>	Hydrogen sulfide/air	1 cyl
<input type="checkbox"/>	Acetic acid	<500 ml	<input type="checkbox"/>	Nitric acid	≤ 1 L	<input type="checkbox"/>	Carbon monoxide/air	1 cyl
<input type="checkbox"/>	Isopropyl alcohol	< 4 gal.	<input type="checkbox"/>	Other:		<input type="checkbox"/>	pH standards (4,7,10)	≤ 1 gal
<input type="checkbox"/>	Formalin (<10%)	< 4 gal.				<input type="checkbox"/>	Conductivity standards	≤ 1 gal
<input type="checkbox"/>	Methanol	<500 ml				<input type="checkbox"/>	Other:	
<input type="checkbox"/>	Sodium bisulfate	<500 ml						

Fuels		Qty.	Kits		Qty.
<input checked="" type="checkbox"/>	Not applicable		<input checked="" type="checkbox"/>	Not applicable	
<input type="checkbox"/>	Gasoline	≤ 5 gal	<input type="checkbox"/>	Hach (specify):	1 kit
<input type="checkbox"/>	Diesel	≤ 5 gal	<input type="checkbox"/>	DTECH (specify):	1 kit
<input type="checkbox"/>	Kerosene	≤ 5 gal	<input type="checkbox"/>	Other:	1 kit
<input type="checkbox"/>	Propane	1 cyl			
<input type="checkbox"/>	Other:				

Remediation		Qty.	Other:		Qty.	DOT(1):		Qty.
<input checked="" type="checkbox"/>	Not applicable		<input type="checkbox"/>	Not applicable		<input type="checkbox"/>	MOT eligible soils	
<input type="checkbox"/>			<input checked="" type="checkbox"/>	Spray paint	≤ 6 cans	<input type="checkbox"/>	MOT eligible water	
<input type="checkbox"/>			<input type="checkbox"/>	WD-40	≤ 1 can	<input type="checkbox"/>	MOT eligible solids	
<input type="checkbox"/>			<input type="checkbox"/>	Pipe cement	≤ 1 can	<input type="checkbox"/>	MOT eligible liquids	
<input type="checkbox"/>			<input type="checkbox"/>	Pipe primer	≤ 1 can	<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>	Mineral spirits	≤ 1 gal	<input type="checkbox"/>		

(1) Attach applicable Materials of Trade (MOT) Quick Form to shipping determination or this HASP. SDS not generally applicable to this category.

SDSs for this project will be available in printed form in the company vehicle. All project workers will be notified of the SDS location in their initial safety briefing.

Air Monitoring

- There are no atmospheric chemical, radiological, or particulate hazards on this project requiring air monitoring.
- Air monitoring is the responsibility of the client or subcontractor.

Constituents of Interest:

Time Weighted Averages (TWAs) are ACGIH 8-Hr Threshold Limit Values (TLVs) unless noted.

Diesel		Anticipated Breathing Zone Concentration <=	1	mg/m3
TWA	100 mg/m3, skin, (15 ppm Arcadis limit-see PID warning)	LEL/UEL (%):	NA	
STEL	NA	VD (Air = 1):	NA	
IDLH	NA	VP (mmHg):	NA	

Gasoline		Anticipated Breathing Zone Concentration <=	1.4/7.6	mg/m3
TWA	30 ppm, Arcadis administrative limit	LEL/UEL (%):	1.4/7.6	
STEL	500 ppm	VD (Air = 1):	NA	
IDLH	NA	VP (mmHg):	38-300	

PCBs		Anticipated Breathing Zone Concentration <=	0.001	mg/m3
TWA	0.5 mg/m3, skin	LEL/UEL (%):	NA/NA	
STEL	NA	VD (Air = 1):	NA	
IDLH	5 mg/m3, NIOSH	VP (mmHg):	0.001	

None		Anticipated Breathing Zone Concentration <=	NA	mg/m3
TWA	NA	LEL/UEL (%):	NA	
STEL	NA	VD (Air = 1):	NA	
IDLH	NA	VP (mmHg):	NA	

None		Anticipated Breathing Zone Concentration <=	NA	mg/m3
TWA	NA	LEL/UEL (%):	NA	
STEL	NA	VD (Air = 1):	NA	
IDLH	NA	VP (mmHg):	NA	

None		Anticipated Breathing Zone Concentration <=	NA	mg/m3
TWA	NA	LEL/UEL (%):	NA	
STEL	NA	RGD (Air = 1):	NA	
IDLH	NA	VP (mmHg):	NA	

TWA - Time Weighted Average (ACGIH TLV unless noted) LEL/UEL - Lower /Upper Explosive Limit
 STEL - Short Term Exposure Limit RGD - Relative Gas Density
 IDLH - Immediately Dangerous to Life and Health VP - Vapor Pressure

Notes:

One or more constituents above is listed with a skin notation. Avoid conditions where dusts, mists, or aerosols are created. Avoid skin contact with impacted media.

Required Monitoring Instruments, Action Levels and Monitoring Frequency

Gray fields below are not automated. Make necessary selections from drop down menus.

Photoionization Detector

Select Lamp: 10.6 eV

Diesel/Fuel Oil: The 15 ppm Arcadis recommended exposure limit for diesel/fuel oil is not included in the computation below. Manual action level adjustment may be required. The PID may provide a slow response to diesel fuel/fuel oil.

Computed action levels (PID units) (1):		Computed action levels have been manually adjusted.
<	15.0	Continue working
	15.0 - 30.0	Levels sustained > 5 minutes, monitor continuously and review engineering controls and PPE. Proceed with caution.
>	30.0000	Stop work and contact SSO

(1) Computed action levels are for PIDs which have not been programmed to correct TLVs for specific constituents or mixtures.

Particulate/aerosol monitoring is not required. Re-evaluate if visible dusts or aerosols cannot be controlled.

Action levels are in mg/m3		Computed action levels have been manually adjusted.
<	NA	Continue working
	NA	Levels sustained > 5 minutes, monitor continuously and review engineering controls and PPE. Proceed with caution.
>	NA	Stop work and contact SSO

Breathing zone air monitoring using the above instruments will be performed at the following frequency:

30 Minute intervals

If manually logging air monitoring results, all results must be documented, including non-detects.

Only LEL/O2 monitoring is required.

LEL/O2 Meter Monitoring Required	0-5% LEL	Continue work
	>5-10% LEL	Continually monitor, review engineering controls, proceed with caution
	>10% LEL	Stop work, evacuate, contact SSO
	19.5%-23.5% O2	Normal, continue work
	<19.5% O2	O2 deficient, stop work, evacuate, contact SSO
	>23.5% O2	O2 enriched, stop work, evacuate, contact SSO

Additional Gas/Vapor Monitoring is Not Required

	1/2 TLV	Stop Work Action Level	Comments
<input type="checkbox"/> Ammonia	12.5 ppm	25 ppm	
<input type="checkbox"/> Carbon dioxide	2500 ppm	5000 ppm	
<input type="checkbox"/> Carbon monoxide	12.5 ppm	25 ppm	
<input type="checkbox"/> Chlorine	0.05 ppm	0.1 ppm	
<input type="checkbox"/> Hydrogen cyanide	2.35 ppm (skin)	4.7 ppm* (skin)	
<input type="checkbox"/> Hydrogen sulfide	0.5 ppm	1 ppm	
<input type="checkbox"/> Methane	Simple Asphyxiant		
<input type="checkbox"/> Nitrogen dioxide	0.1 ppm	0.2 ppm	
<input type="checkbox"/> Phosphine	0.025 ppm	0.05 ppm	
<input type="checkbox"/> Sulfur dioxide	0.125 ppm	0.25* ppm	
<input type="checkbox"/> Mercury vapor	0.0125 mg/m3	0.025 mg/m3	

* Ceiling or STEL value

All air-monitoring instruments must be calibration checked daily, if used, per manufacturer's instructions. Calibration checks, including calibration gases used, must be documented.

Compound specific monitoring using indicator tubes or chips is not required.

Indicator:		≤TWA	Continue work
<input type="checkbox"/> Tube	<input type="checkbox"/> Chip	>TWA	Stop work, review engineering controls and PPE, contact SSO
Compound(s):			

Indicator tube/chip monitoring frequency: _____

Tick and Poisonous Plant Hazards

For all projects with outdoor work, biological hazards must be addressed in the tailgate safety meeting each day. The following controls must be used to mitigate biological hazards while working and must also be discussed in the tailgate safety meeting. For low risk situations, the discussion must include exposure to weeds/vegetation near fences, buildings, etc.

Controlling Tick Hazards

Risk Guide for Ticks:

Low	Paved areas; parking lots; well manicured lawns and fields; no work taking place within 15 feet of vegetated areas; work in REGIONS with no tick populations; sub-freezing temperatures, snow or ice cover on ground.*
Medium	Brush hogged fields, wetlands, and grasslands; forested areas with little undergrowth; weeds less than knee height; moderately dense foliage; sporadic or moderately vegetated shaded areas; average leaf accumulation and decaying material on the ground; work taking place in fields after application of insecticide; work in REGIONS with a recognized moderate tick populations; outdoor work during spring, summer and fall months.*
High	Uncut fields, wetlands, forested areas, and grasslands; weeds taller than knee height; heavy dense foliage; heavily vegetated shaded areas; excessive accumulations of leaves and decaying material on the ground; work in REGIONS with recognized heavy tick populations; areas with posted tick hazard warnings; outdoor work during spring, summer and fall months.*

*Cold weather does not eliminate risk of exposure to deer ticks as they may be active all year in areas that experience subfreezing temperatures.

Ticks are ranked as a Low risk for this project

Care should be taken to avoid walking through or working in tall grasses, overgrown or bushy vegetation to the extent reasonable and practical. No single control is effective against ticks.

Select required controls below:

Engineering Controls

- Mowing of work area
- Clearing overgrown vegetation
- Pesticide application
- Other: _____

Administrative Controls

- Complete tick check morning/evening
- Scheduled tick check: _____
- Inspect backpacks, equipment cases, etc. daily
- Vehicle cab - maintain good housekeeping
- Other: _____

Personal Protective Equipment

- | | |
|---|--|
| <ul style="list-style-type: none"> <input type="checkbox"/> Light colored clothing <input checked="" type="checkbox"/> Light colored hat/hardhat <input type="checkbox"/> Pants tucked in boots <input checked="" type="checkbox"/> Shirt tucked into pants <input type="checkbox"/> Long sleeved shirt and long pants <input type="checkbox"/> White Tyvek pants | <ul style="list-style-type: none"> <input type="checkbox"/> White coveralls/Tyvek <input type="checkbox"/> Taped cuffs/pant legs <input type="checkbox"/> Tick gators <input type="checkbox"/> Double sided tape/duct tape sticky side out <input type="checkbox"/> Insect mesh/netting for face/head or whole body suit <input type="checkbox"/> Other: _____ |
|---|--|

Repellents

- | | |
|--|---|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Repellents will not be used <input type="checkbox"/> Permethrin impregnated clothing (purchased) <input type="checkbox"/> Permethrin (0.5% self applied/treated to clothing) | <ul style="list-style-type: none"> <input type="checkbox"/> Deet 20-40% applied to skin <input type="checkbox"/> Other: _____ |
|--|---|

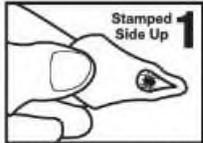
If repellents are not used, additional PPE controls must be considered.

Tick Removal and First Aid

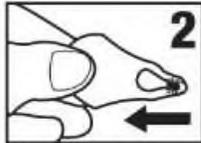
Ticks removed within 24 hours of embedment represent a very low risk for adverse outcomes. Perform tick checks as directed above. To properly remove a tick:

Using a Tick Removal Tool

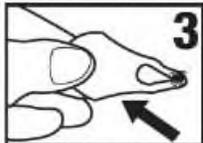
3 Easy Steps To Complete Tick Removal



Place the Key over the tick in the tear-drop hole.



Slide Tick Key flush against the skin to entrap tick in tapered slot.

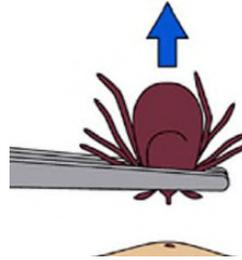


Do NOT Lift Tick Key. Continue pulling quickly in the same direction for proper removal.

- Early and proper tick removal is known to help prevent tick-borne diseases.
- Tick Key is made of durable, high-strength anodized aluminum. Disinfect with alcohol after each use. Thoroughly wash bite area and hands.

Use as directed. For tick removal only.

Using Tweezers



- 1) Use point tip tweezers, if available, to reduce potential of crushing the ticks body
- 2) Grasp the tick as close to skin as possible
- 3) Pull upward with even pressure.

Do not crush tick with fingers

After removal, wash affected area with alcohol or iodine. Wash hands thoroughly after removal. Document date/time of the removal in field notes, field form or H&S app. If rash or fever develops, call WorkCare

Poisonous Plants (Poison Ivy, Poison Oak, Poison Sumac)

All work outdoors, regardless of time of year, must address poisonous plant hazards and controls in the tailgate safety meeting. For low risk projects, the discussion should consider potential vegetation exposure near fences, buildings, work near trees, etc.

Controlling Exposure to Poisonous Plants

Poisonous Plants are ranked as a **Low** risk on this project

Select required controls below:

Engineering Controls

- Not applicable
- Mowing of work area
- Clearing overgrown vegetation
- Herbicide application
- Other: _____

Administrative Controls

- Identify and avoid (see ID Quick Guide below)
- Watch for signs or symptoms of exposure
- Vehicle cab - maintain good housekeeping
- Other: _____

Personal Protective Equipment

- Gloves
- Hat/hardhat/head covering
- Pants tucked in boots
- Shirt tucked into pants
- Long sleeved shirt and long pants

- White coveralls/Tyvek
- Taped cuffs/pant legs
- Dust mask (during burning activities, etc.)
- Other: _____

Repellents

Repellents will not be used
 Barrier creams
 Other: _____

Skin Decontamination

Wash with post-exposure soap and water
 Wash with soap and water (use hot water if available)
 Hot shower at end of day
 Other: _____

Equipment Decontamination

Due to the low risk associated with poisonous plants on this project, portable equipment and tools may still have a potential to be contaminated with urushiol (the oil that causes allergic reactions and dermatitis in poisonous plants covered by this plan). It is recommend to decontaminate handles, grips, and hand holds of tools and equipment with post-exposure soap and water or alcohol spray (if safe to do so for the equipment/tool being decontaminated) as a best practice.

Clothing Decontamination

Wash work clothing in hot water separate from other clothing. Even though there is a low risk for poisonous plants on this project, work boots should be considered potentially contaminated with urushiol. Decontaminate with post-exposure soap and water or hot soap and water. If safe for the boot, consider spraying with alcohol spray of post exposure soap is not available.

First Aid

If skin irritation or other signs of allergic reaction develops contact WorkCare for assistance. Document date and time of exposure, if known, in field notes, field form or H&S app.

Identification Quick Guide

Ticks:

American Dog Tick



Blacklegged (Deer) Tick



Brown Dog Tick



Groundhog Tick



Gulf Coast Tick



Lone Star Tick



Rocky Mountain Wood Tick



Soft Tick



Poison Ivy:



Poison Oak:



Poison Sumac:



For other biological hazards, address the hazards and controls in the JSA for the work task.

Personal Protective Equipment (PPE)

See JSA or Permit for the task being performed for required PPE. If work is not conducted under a JSA or Permit, refer to the governing document for PPE requirements. At a minimum, the following checked PPE is required for all tasks during field work (outside of field office trailers and vehicles) not covered by a JSA or Permit on this project:

Minimum PPE required to be worn by all staff on project:				Specify Type:		
<input checked="" type="checkbox"/>	Hard hat	<input type="checkbox"/>	Snake chaps/guards	<input type="checkbox"/>	Coveralls:	
<input checked="" type="checkbox"/>	Safety glasses	<input type="checkbox"/>	Briar chaps	<input type="checkbox"/>	Apron:	
<input type="checkbox"/>	Safety goggles	<input type="checkbox"/>	Chainsaw chaps	<input checked="" type="checkbox"/>	Chem. resistant gloves:	Nitrile gloves
<input type="checkbox"/>	Face shield	<input type="checkbox"/>	Sturdy boot	<input checked="" type="checkbox"/>	Gloves other:	Work gloves
<input type="checkbox"/>	Hearing protection	<input checked="" type="checkbox"/>	Steel or comp. toe boot	<input type="checkbox"/>	Chemical boot:	
<input type="checkbox"/>	Rain suit	<input type="checkbox"/>	Metatarsal boot	<input type="checkbox"/>	Boot other:	
<input type="checkbox"/>	Other:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Traffic vest, shirt or coat:	Class II
				<input type="checkbox"/>	Life vest:	

Task specific PPE: _____
 Comments: _____

Medical Surveillance

Medical surveillance is not required for this project.

Hazardous Materials Shipping and Transportation

All materials subject to the shipping determination process will only be transported in an Arcadis vehicle or lab courier on this project. The Arcadis generic Materials of Trade shipping determination is attached to this HASP. If a lab courier is utilized, the employee driving the vehicle will be an employee of the laboratory.

Traffic Safety and Traffic Safety Plans (TSPs)

All or portions of the project work will be conducted in a parking lot and/or private roadway. A Non-ROW TSP addressing this work is attached to this HASP.

Arcadis Commercial Motor Vehicles (CMVs)

CMVs operated by Arcadis employees on public roadways will not be utilized on this project. Arcadis defines a CMV as any single vehicle with a gross vehicle weight rating (GVWR) $\geq 10,001$ pounds or a truck and trailer combination with a combined GVWR $\geq 10,001$ pounds (GVWR of truck + GVWR of trailer = $\geq 10,001$ pounds).

Site Control

Based on the low hazards associated with the work being performed, a standard 10 ft diameter exclusion zone will be enforced around active work being performed on this project. The exclusion zone will be demarcated with cones and/or caution tape.

Decontamination

Decontamination protocols are addressed in the applicable task JSA(s) for this project. The applicable JSAs are attached to this HASP.

Sanitation

The project scope is a mobile work operation. The project field team will have reasonable access to restroom facilities within 10 minutes of the work area where the mobile work activity is actively taking place. Potable water will be carried by the field team in the vehicle used for the project. Unless alternate requirements are stipulated in a plan supplement (i.e. Heat Injury and Illness Prevention Plan), permit or JSA, bottled or water coolers with potable water will be provided to project workers at 1 gallon/worker/day.

Safety Briefings

Arcadis will lead all safety briefings on this project and will document the safety briefing on a Tailgate Safety Briefing form or logbook. Safety briefings will be conducted once at the beginning of each work day unless the Site Safety Officer deems more frequent safety briefings will be required based on work being conducted. All project workers, including Arcadis subcontractors, will be required to attend the safety briefing. Site visitors and project workers not on duty during the morning safety briefing will receive the safety briefing upon their arrival onto the project site for the day.

Employee Health and Safety Engagement

The CPM or APM is responsible for reviewing and establishing H&S engagement goals for the project. These goals are summarized below.

Hazard Observations (via H&S App or TIP) required at the following frequency on this project:

Close Call reporting (via H&S app) goals for this project:

Other (specify):

Safety Equipment and Supplies

Safety equipment/supply requirements are addressed in the JSA or Permit for the task being performed. If work is not performed under a JSA or Permit, the following safety equipment is required to be present on site in good condition unless otherwise noted (Check all that apply):

- First aid kit
- Bloodborne pathogens kit
- Fire extinguisher
- Eyewash (ANSI compliant)
- Eyewash (bottle)
- Drinking water
- Other: _____

- Insect repellent: _____
- Sunscreen
- Air horn
- Traffic cones
- 2-way radios
- Heat stress monitor
- See Tick and Poisonous Plant Hazards section for additional equipment/supply information.

International Travel

International travel is not required for this project.

Spill Control and Containment

Arcadis will be relying on client response personnel to plan for and implement spill control and containment for this project.

Use of Electronic Devices in Areas of Increased Safety Risk

Use of electronic devices (tablets, laptops, and/or cell phones) to collect data or document work is not anticipated on this project. If electronic devices are used, distraction hazards and use must be addressed and documented in the job briefing/safety briefing.

Job Safety Analysis



General

JSA ID	HASP 1	Status	Complete
Job Name	General Industry-Driving - passenger vehicles	Created Date	6/20/2023
Task Description	Driving a car, van, or truck on public roadways.	Completed Date	06/20/2023

Client / Project

Client	SCUSD		
Project Number	30155229		
Project Name	Bracher Elementary School	Santa Clara, California	
Project Manager	Julie Munn		

User Roles

Role	Employee	Due Date	Completed Date
Developer	Madeleine Osaki	6/20/2023	6/20/2023
HASP Reviewer	Wes Chase	6/20/2023	6/20/2023
Quality Reviewer			

Job Steps

Job Step No.	Job Step Description		Potential Hazard	Critical Action	H&S Reference
1	Pre-Trip Inspection	1	Failing to perform pre-trip inspections may cause mechanical failure, accident or injury.	Perform walk around of vehicle with particular attention to tire inflation and condition. Check lights, wipers, seatbelts for proper operating condition. Properly adjust seat and mirrors prior to vehicle operation. Use or review vehicle inspection checklist as required under the MVSP.	ARC HSGE024 Motor Vehicle Safety Standard (MVSP)
		2	Scrapes, cuts, burns to hand if inspecting engine fluids and/or tires. Eye splash hazard if inspecting engine fluids. Pinch or crush hazards when opening or closing hood, trunk, or tailgate.	Wear protective gloves and safety glasses as described below when checking under hood or tires. Use TRACK and keep hands clear when opening/closing hood, trunk, or tailgate to avoid crush or pinch hazard.	
		3	Struck by other vehicles while walking around vehicle performing inspections.	Wear high visibility vest, shirt, or coat while performing inspections in parking lots or other areas with a traffic hazard. Remain vigilant of moving vehicles or equipment in area, face oncoming vehicles to extent practical.	
		4	Improperly secured cargo may dislodge creating injury, property damage, or road hazard.	Ensure all cargo is properly secured to prevent movement while the vehicle is in operation. This includes cargo in the cab of the vehicle.	
2	Driving a motor vehicle on public streets	1	Failing to observe traffic flow ahead increases risk of hard braking resulting in potential impact of vehicle ahead, being struck by another vehicle from behind, and decreases decision making time.	Use Smith System Key #1, "Aim High in Steering". Look ahead (15 seconds if possible) to observe traffic flow and traffic signals. Adjust speed accordingly to keep vehicle moving and avoid frequent braking. Select lane of least traffic and adjust speed based on observed signal timing when possible. Avoid following directly behind large vehicles that obscure view ahead.	Smith System "5-Keys" is a registered trademark of Smith System Driver Improvement Institute, Inc.

		2	Failing to observe vehicles, pedestrians, bicyclists, and other relevant objects in vicinity of your vehicle increases risk of side swipes, rear ending, and third party injury.	Use Smith System Key #2, "Get the Big Picture". Maintain 360 degrees of awareness around vehicle. Check a mirror every 6-8 seconds, maintain space around the vehicle, choose a lane that avoids being boxed in. Look for pedestrian activity ahead in crosswalks or sidewalks. Watch for construction zone approach signs and act early by executing lane changes and reducing speed.	
		3	Failing to keep your eyes moving increases risk of not seeing relevant vehicles, pedestrians, and objects in your vicinity that may impair your ability to make timely and appropriate driving decisions and also increases risk of accident.	Use Smith System Key #3, "Keep Your Eyes Moving". Move your eyes every 2 seconds and avoid staring while evaluating relevant objects. Scan major and minor intersections prior to entering them. Check mirrors.	
		4	Failing to maintain space around and in front of your vehicle increases risk of striking another vehicle or being struck by another vehicle. Insufficient space shortens time for effective driving decision making resulting in increased accident risk.	Use Smith System #4, "Leave Yourself an Out". Use 4 second rule when following a vehicle. Avoid driving in vehicle clusters by adjusting speed and using lanes that permit maximum space and visibility. When stopped, keep one car length space in front of vehicle ahead or white line.	
		5	Failing to communicate with other drivers and pedestrians increases risk of striking vehicles, pedestrians, or being struck by other vehicles, especially from the rear.	Use Smith System Key #5, "Make Sure They See You". Brake early and gradually when stopping to reduce potential of being rear ended. Keep foot on brake while stopped. Use turn signals and horn effectively. Establish eye contact with other drivers and pedestrians to extent practical. Use vehicle positioning that promotes being seen.	
		6	Distractions within the vehicle takes focus off driving, increases risk of accident decreases time for making effective driving decisions.	Cell phone use (any type or configuration) is prohibited while the vehicle is in motion. Familiarize yourself with vehicle layout and controls (radio, temperature controls, etc.) prior to operating unfamiliar vehicles. Set controls prior to operating vehicle. Use GPS in unfamiliar areas to avoid use of paper maps/directions while driving. Set GPS prior to vehicle operation. Pull over and stop to modify GPS functions. Avoid consuming food or drink while driving.	
3	Parking	1	Parking vehicle in areas of clustered parked vehicles or near facility entrance may impair visibility to oncoming traffic in lot and increase exposure to pedestrian traffic.	Use pull through parking or back into parking space when permitted or practical. When practical and safe to do so, park away from other vehicles and avoid parking near the facility entrance or loading docks. If available, use a spotter to aid in backing activity. Back no further than necessary and back slowly. Get out and look (GOAL) if uncertain of immediate surroundings. Tap horn prior to backing.	

PPE Personal Protective Equipment

Type	Personal Protective Equipment	Description	Required
Eye Protection	safety glasses	While checking engine or tires	Required
Hand Protection	work gloves (specify type)	Leather or equivalent checking engine or	Required

Supplies

Type	Supply	Description	Required
Communication Devices	mobile phone		Required
	other	Vehicle kit (applies to company trucks)	Required
Miscellaneous	fire extinguisher	Applies to company trucks	Required
	first aid kit	Applies to company trucks	Required

Job Safety Analysis

General

JSA ID	673	Status	(3) Completed
Job Name	Environmental-Soil sampling - manual	Created Date	7/29/2009
Task Description	Soil Sampling from excavation	Completed Date	7/29/2009 8:43:16 PM Edited 10.

Client / Project

Client	SCUSD Bracher Elementary School
Project Number	
Project Name	
PIC	
Project Manager	

Job Steps

Job Step No.	Job Step Description	Potential Hazard	Critical Action	H&S
1	Load equipment and supplies into utility vehicle	1	Muscle strains can occur from lifting heavy equipment in and out of vehicle - Use proper lifting technique - Request assistance when lifting heavy equipment - Park vehicle as close as safely possible to sampling and loading/unloading areas	Field (P)
		2	Pinch points - Wear gloves when necessary - Be aware of pinch points such as cooler lids, building doors, and vehicle doors	
		3	Broken glass in coolers - Discard any broken sample containers or glass - Use leather/ cut resistant gloves to handle broken glassware	
3	Site access	1	Vehicle and railroad traffic - Use extreme caution when crossing roadways and railroad tracks - If performing longer periods of work, use proper demarcation and communicate properly with yardmaster when necessary	Field (Par)
4	Working Outdoors	1	Temperature related hazards. (heat/cold stress) - Drink plenty of fluids - Take breaks as necessary - Use sunscreen as needed - Monitor changes in weather, postpone work if bad weather is expected or unsafe conditions exist	Field (Par Sec)
		2	Biological hazards. (Bees, snakes, insects, plants) - Wear insect repellent during outdoor activities - Avoid disturbing area that may be a habitat for insects, spiders, or snakes - Check outer clothing for ticks; tuck pants into boots or wear Tyvek in areas of heavy vegetation where ticks may be a problem	Field (Par)
5	Collecting soil samples	1	Exposure to site constituents of concerns (COCs) - Wear chemical protective gloves and safety glasses. - Decontaminate non-disposable sampling equipment - Keep samples stored properly and away from work area	Field (Par)

		2	Sharp edges and broken glassware can cause lacerations	- Discard any broken sample containers or glass - Do not overtighten sample containers	
		3	Muscle strains	- Request assistance to lift heavy supplies/equipment - Use proper lifting techniques, keeping the back straight	Fit (P)
		4	Slip/Trips/Falls; steep slopes	- Be cautious of footing on soil piles and slippery conditions due to potentially frozen soil or poly sheeting	
6	Packaging samples to be picked up or shipped to the lab	1	Broken glass in coolers	Pack containers to minimize container movement inside using paper, cardboard or foam	San Han
		2	Muscle strains can occur from lifting heavy equipment in and out of vehicle	- Use proper lifting technique - Request assistance when lifting heavy equipment - Park vehicle as close as safely possible to sampling and loading/unloading areas	Fit (P)

PPE Personal Protective Equipment

Type	Personal Protective Equipment	Description	Required
Dermal Protection	long sleeve shirt/pants		Required
Eye Protection	safety glasses		Required
Foot Protection	safety-toe boots		Required
Hand Protection	chemical resistant gloves (specify type)	Nitrile gloves	Required
	work gloves (specify type)	Leather/ cut resistant as necessary	Required
Head Protection	hard hat		Required
Hearing Protection	ear plugs or muffs	When working near active rails or near loud equipment	Required
Miscellaneous PPE	traffic vest--Class II or III		Required

Supplies

Type	Supply	Description	Required
Communication Devices	mobile phone		Required
Miscellaneous	fire extinguisher		Required
	first aid kit		Required
Personal	insect repellent		Recommended
	sunscreen		Recommended
	water/fluid replacement		Required

Review Comments

Reviewer	Comments
Employee: Tokarski, Adam D. Role: Reviewer Review Type: Approve Completed Date: 7/29/2009	
Employee: Edwards, Lauren M. Role: HASP Reviewer Review Type: Approve Completed Date: 7/29/2009	In the future, each potential hazard should have it's own line with specific critical action your job steps is using the ATV/Utility vehicle reference the associated JLA in HSP c

1/26/16 MR

3 Reference

Old H&S Handbook
(Part III; Section EE)

Old H&S Handbook
(Part V; Section F)

Old H&S Handbook
(Part III; Section I and
Section M)

Old H&S Handbook
(Part III; Section N)

Old H&S Handbook
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column.

Job Safety Analysis

General

JSA ID	6681	Status	(3) Completed
Job Name	Environmental-Other	Created Date	8/19/2014
Task Description	Soil Vapor Sampling	Completed Date	08/19/2014

Client / Project

Client	SCUSD Bracher Elementary School
Project Number	
Project Name	
PIC	
Project Manager	

Job Steps

Job Step No.	Job Step Description	Potential Hazard	Critical Action	H&S
1	Calibrate and Check Overall Equipment	1 Equipment malfunction, inaccurate data recovery	Calibrate equipment according to manufacturer instructions and confirm equipment is working properly.	
2	Assemble Sampling Train	1 Pinch points, hand injury. Damaged equipment.	Adhere to manufacturer's assembly instructions. Use correct size wrenches when connecting components. Wear gloves to prevent hand injury in case the wrench slips off a fitting. Use tubing cutters to avoid injury when cutting sample tubing.	
3	Purge Sample Tubing	1 Chemical exposure to vapors	Monitoring breathing zone with PID. Collect purge gas in Tedlar bag. Wear Nitrile gloves. Discharge purge gas outside building.	
4	Collect Soil Vapor Sample	1 Hand injury, slip and trip hazards in sample/working area.	Wear gloves to prevent hand injury when opening canister valve. Place cones and caution tape around sample canister (if left for a period of time). Terminate sampling with 5 inches Hg vacuum remaining.	
5	Close Sampling Point	1 Back strain, contamination of sampling points from improper closure, hand injury.	Use proper lifting techniques and avoid bending at the waist. Cap sampling point to avoid introduction of surface impacts. Wear gloves to prevent hand injury in case the wrench slips off a fitting.	
6	Handling/Shipping Summa Canisters	1 Pinch points, mislabeling of canisters, improper sample shipment.	Use TRACK, wear proper PPE. Use proper lifting technique, get help if needed; use care in properly labeling each canister with appropriate sampling point and regulator prior to shipping. Shipping determination is required.	

PPE

Personal Protective Equipment

Type	Personal Protective Equipment	Description	Required
Dermal Protection	chemical protective suit (specify type)	Long sleeve shirt	Recommended
Eye Protection	faceshield	Per SSO instruction	Recommended
	safety glasses	Clear glasses when working inside	Required
Foot Protection	steel-toe boots		Required
Hand Protection	chemical resistant gloves (specify type)	Nitrile	Required
	work gloves (specify type)	Leather or cut resistant material	Recommended
Head Protection	hard hat		Required
Miscellaneous PPE	traffic vest--Class II or III		Required

Supplies

Type	Supply	Description	Required
Communication Devices	mobile phone		Required
Miscellaneous	fire extinguisher		Required
	first aid kit		Required
Personal	eye wash (specify type)	Bottle	Required
Traffic Control	traffic cones		Required

Review Comments

Reviewer	Comments
Employee: Santaniello, Julie Role HASP Reviewer Review Type Revise Completed Date 1/25/2012	Please revise to include TRACK.
Employee: Santaniello, Julie Role HASP Reviewer Review Type Approve Completed Date 1/27/2012	Please modify as needed in the field.
Employee: France, Gina Role Quality Reviewer Review Type NA Completed Date 2/24/2012	I suggest calling out the shipping determination requirement in its own category to be overlooked.

§ Reference

nsure it is not



Traffic Safety Plan (TSP)

1.0 General

Plan type	Non-Right of Way (Non-ROW)
Project Name:	Bracher Elementary School
Project Number:	30155229
Developer Name:	Juliet Hutchins
Duration of Project (in hours or days):	1 week
Time Restrictions (Y/N, if Y describe below):	N
Not Applicable	
Not Applicable	
Not Applicable	NA
Not Applicable	
Not Applicable	NA
Not Applicable	
<input type="checkbox"/> Working on multiple roads?	NA

Comments:

2.0 Work Description

Provide a brief description of scope of work:

Collect soil samples using hand auger and hand held tools. Some locations may be in a parking lot.

3.0 Type and Duration

Work locations on this project will be:

Intermediate work (1-8 hours per location)

Non-ROW work will be performed in:

Active parking lot

Special traffic conditions may include (select most prevalent):

Not applicable

4.0 Traffic Control Layout, Number of Devices Required, and Phasing

The following Non-ROW requirements in the Traffic Safety Handbook applies:

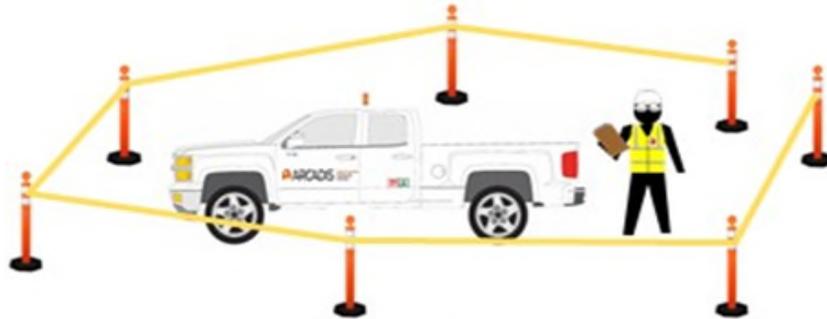
Section 7.3 Intermediate Duration Work in Parking Areas (1 to 8 Hours) (DOT Facts-302b)

The menu below will be blank and is not applicable.

The menu below will be blank and is not applicable.

Non-ROW configuration:

An example non-ROW traffic control configuration for this project is illustrated below. The actual type and number of devices required are specified below. Don't leave vehicle doors open. Don't establish controls within 25 ft of the front or rear of parked large vehicles/rolling equipment without coordinating with the vehicle/equipment operator.



**Intermediate Term (1-8 Hours)
Channelizing Cones with Caution Tape**

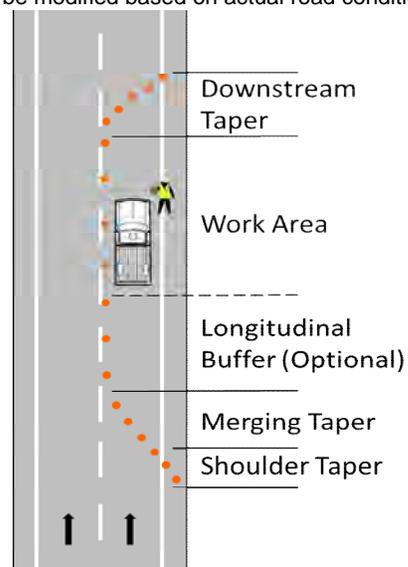
ROW minimum sign spacing distances for "A", "B" and "C" (as applicable) in referenced DOT Facts.			ROW oncoming traffic minimum site distance required to see Flagger and properly decelerate and stop.
A	NA	ft.	
B	NA	ft.	
C	NA	ft.	

ROW Cone Calculation (Values are default. Light grey fields may be modified based on actual road conditions)

<input type="checkbox"/>	Active work area length (feet)	
<input type="checkbox"/>	Apply Optional Longitudinal Buffer (ft)?	
	Lane width of offset (feet)	
	Shoulder width of offset (feet)	
	Posted speed limit	NA

<input type="checkbox"/>	Shoulder Taper	
	Taper Length (feet)	NA
	Cones Required	NA
	Cones Spacing (max., ft)	NA

<input type="checkbox"/>	Merging Taper	
	Taper Length (feet)	NA
	Cones Required	NA
	Cones Spacing (max., ft)	NA



Work Area

Cone Spacing (max., ft) NA
 Cones Required NA

Note: Review taper configuration and cone spacing after ROW implementation to ensure traffic is moving efficiently without motorist confusion in the RWZ.

Downstream Taper

Taper Length (feet) NA
 Cones Required NA
 Cone Spacing (max., ft) NA

Cones Required (minimum) NA

Select the traffic control devices to be used and enter number each required:			Non-ROW Phasing:
Check all that apply:	Wording or Pictogram	Number:	
<input type="checkbox"/>	Warning signs		1) Position truck as shield, if practical 2) Deploy traffic control devices 3) Affix flags, caution tape or fencing 4) Unload project equipment 5) Commence work 6) SSO to maintain controls 7) Remove controls in reverse order
<input type="checkbox"/>	Warning signs		
<input type="checkbox"/>	Warning signs		
<input type="checkbox"/>	Stop/Slow paddle		
<input type="checkbox"/>	Red flag		
<input type="checkbox"/>	Drums		
<input checked="" type="checkbox"/>	Channelizer cone (42 inch height, 10 lb base)	7	
<input type="checkbox"/>	Channelizer cone (42 inch height, 30 lb base)		
<input type="checkbox"/>	Traffic cones (≥ 18 inches tall)	NA	
<input type="checkbox"/>	Barricade: 		
<input type="checkbox"/>	Flags for cones		
<input type="checkbox"/>	Lights (for night work)		
<input type="checkbox"/>	Plastic fencing (rolls)		
<input checked="" type="checkbox"/>	Caution tape (rolls)	1	
<input type="checkbox"/>	Other (specify):		

Electronic Device Use Safety

Electronic devices (tablets, laptops and cell phones) used for data collection or work documentation are not anticipated to be used on this project. If these devices are used for data collection or work documentation, their use and distraction hazards must be addressed in the safety briefing.

Reviewed By:

HASP Reviewer:

THIS FORM MUST BE ENTIRELY COMPLETED PRIOR TO BEGINNING ANY INTRUSIVE WORK

Project Name: Bracher Elementary School Start Date: _____
Project #: 30155229 End Date: _____

Utility markings valid for 15 days. Initiate clearance renewal 5 days prior to expiration for ongoing work

PRE-FIELD WORK REQUIREMENTS

DigSafe 811 notified 48-72 hrs. in advance of work? DigSafe Ticket #: _____
Ticket Expiration Date: _____ [State Utility Laws: www.commongroundalliance.com/map](http://www.commongroundalliance.com/map)
Ticket(s) Attached(Y/N)? List utility owners notified via DigSafe 811 & response status:

List addtl. utilities requiring notification not included in DigSafe811 Notice:

Review task details w/ private utility location subcontractor. ID work areas, clearance equipment needed, depth of clearance needed, types of features, utilities, anticipated/known/unknown. Verify DigSafe 811 markings to confirm public utility clearance.

Private Utility Locator Name, if used: _____ AUS onsite meeting (Y/N)?

FIELD WORK REQUIREMENTS

This portion of the checklist must be completed on site. AUS staff must have a minimum of one year of field experience in identifying utilities to complete the checklist. Field staff will review the completed checklist with PM or designee prior to beginning intrusive work.

Heavy equipment/mechanized intrusive work w/in the Arcadis Tolerance Zone (utility or structure present within 30-in. of point of work) REQUIRES pre-approval by Corporate H&S prior to working at all such locations. STOP WORK if the Arcadis Tolerance Zone work has not been approved.

List work type & locations for utility location and clearance as applicable to this checklist:

3 Reliable Lines of Evidence are REQUIRED for EACH INTRUSIVE LOCATION prior to starting any subsurface intrusive work. Check corresponding boxes below to document utility clearance efforts.

OneCall/DigSafe 811 Public Utility Locate (required by State law for subsurface work)
811 is only reliable as a Line of Evidence when working in/adjacent to a public ROW or easement.

Marking type: Paint Pin Flags/Stakes Other: _____ None

Client provided maps/drawings (Y/N)? Maps/drawings not provided (Y/N)?

Client Clearance (Y/N)? Name(s)/Affiliation(s): _____

Interviews (Y/N)? Name(s)/Affiliation(s): _____

Specific subsurface feature types and depths provided by person interviewed (Y/N)?

Details provided: _____

Site Inspected (Y/N)? (document on Pg. 2.) Photo Document Marked Utilities & Structures

Public records/Client Dwgs/As-Builts (Y/N)? Type: _____

List private locator tools used: Radio Freq. Detection Electromagnetic GPR

Metal Detector Acoustic Pipe Locator Downhole sonde Other: _____

Soft Dig Methods used (Y/N)? Hand auger Probing Hand tools (shovel/rake)

Air knife Hydro Knife Potholing/Vacuum extraction

Other soft dig tools used (Y/N)? If Yes, list here: _____

ALL BOXES BELOW MUST BE COMPLETED BEFORE PROCEEDING

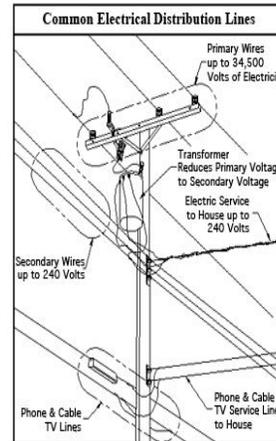
Site inspection also requires investigating vicinity outside of the work area for structures and utilities.

Noting "YES" requires addtl. investigation. Utilities must be field marked prior to intrusive work.

Is the utility present (Y/N)?	Utility Color Code	Is the utility present (Y/N)?	Utility Color Code
<input type="checkbox"/>	No Color	<input type="checkbox"/>	Green
<input type="checkbox"/>	White	<input type="checkbox"/>	Green
<input type="checkbox"/>	White	<input type="checkbox"/>	Green
<input type="checkbox"/>	Yellow	ABOVEGROUND Features Present?	
<input type="checkbox"/>	Yellow	<input type="checkbox"/>	Red
<input type="checkbox"/>	Red	<input type="checkbox"/>	Red
<input type="checkbox"/>	Red	<input type="checkbox"/>	Red
<input type="checkbox"/>	Red	<input type="checkbox"/>	Red
<input type="checkbox"/>	Red	<input type="checkbox"/>	Red
<input type="checkbox"/>	Red	<input type="checkbox"/>	Red
<input type="checkbox"/>	Blue	<input type="checkbox"/>	Blue
<input type="checkbox"/>	Blue	<input type="checkbox"/>	Orange
<input type="checkbox"/>	Blue	<input type="checkbox"/>	Orange
<input type="checkbox"/>	Blue	<input type="checkbox"/>	Various
<input type="checkbox"/>	Blue	<input type="checkbox"/>	Pink
<input type="checkbox"/>	Orange	<input type="checkbox"/>	
<input type="checkbox"/>	Orange	<input type="checkbox"/>	
<input type="checkbox"/>	Orange	<input type="checkbox"/>	
<input type="checkbox"/>	Green	Signs of other utilities/ground disturbance	
<input type="checkbox"/>	Green	<input type="checkbox"/>	Signs of asphalt or concrete disturbance/repair?
<input type="checkbox"/>	Green	<input type="checkbox"/>	Any ground subsidence or change in vegetation?
<input type="checkbox"/>	Green	<input type="checkbox"/>	Unknown manholes or valve covers in work area?

Tips for Thorough Utility Location (HSS Section 5.6):

1. Don't forget to look up for utilities
2. Be on-site with Private Utility Locators.
3. Ask Private Locators to "confirm" other's markings.
4. Also clear alternate/backup locations
5. Mark all known utilities.
6. No hammering, no pickaxes, no digging bars, no shortcutting.
7. No excessive turning or downward force of hand tools, especially hand augers.
8. Utilities may run in or directly under asphalt/concrete
9. Heavy equipment may damage shallow utilities. Especially during clearing and grubbing.
10. Use spotter for heavy equipment near aboveground utilities?



Utilities & Structures Checklist reviewed by the PM or Designee (Y/N)? *If no, STOP WORK call PM*
 PM or Designee Name: _____

Name and Signature of person completing the checklist: _____

Date of checklist review / update: _____

ALL SUSPECT UTILITY STRIKES REQUIRE CORPORATE H&S NOTIFICATION WITHIN 24 hrs. OF KNOWLEDGE OF STRIKE WITH A CONFIRMED RESPONSE FROM CORPORATE H&S.

Arcadis Weekly Vehicle Inspection Form (Revised 9/28/2022)



Vehicle # / License Plate #

Lease Plan # / Last 6 of Vin #

		Inspection Date											
		Odometer reading											
		Driver / Inspector Name											
		Check the appropriate box and enter repair date for identified repairs:											
		OK	Needs Repair	Repair Date	OK	Needs Repair	Repair Date	OK	Needs Repair	Repair Date	OK	Needs Repair	Repair Date
Interior	Horn operational												
	Door Locks operational												
	Seat Belts in good repair												
	Seats and Seating Controls												
	Steering Wheel - No Excessive Play												
	Interior Lights and Light Controls												
	Instrument Panel/Gauges												
	Wiper Controls operational												
	Heat/Defrost/Air Conditioning working												
	Rear View Mirror present												
	Backup Camera/Sensors working												
	Jack and Lug Wrench present												
Exterior ¹	Lights and Signals operational												
	Tires properly inflated/good tread depth												
	Spare Tire properly inflated												
	Doors operational												
	Windows Not Cracked/Damaged												
	Side View Mirrors												
Engine & Brakes	Body Panels and Bumpers												
	Engine Start & Running Smoothly												
	Fluid Levels, No Noticeable Leaks												
	Belts tight, no cracks												
Emergency Equipment ²	Brakes operational, no squeaking												
	First Aid Kit, inspected weekly												
	Fire Extinguisher properly secured												
	Fire Extinguisher inspected weekly												
	Orange/Yellow emergency warning light												
	Roadside Assistance Information												
Cargo	Recommend spotter cones available												
	Cargo Secure and Properly Distributed												
Registration	Securing Devices in Good Condition												
	License Plate /Tags												
	Registration and Insurance												
	City/State Inspection Decal												
	Lease Plan information/Fuel Card												

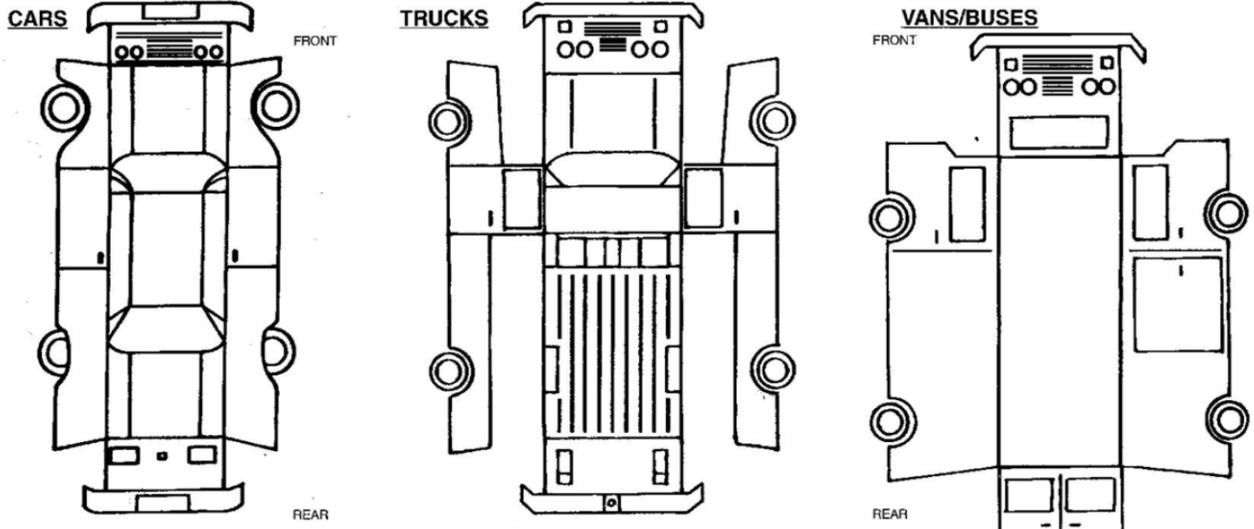
¹ Note all damages to the vehicle on the back of this page

² Emergency Equipment required per Motor Vehicle Standard ARC HSGE024

Note All Vehicle Damage Below

All Vehicle Damage must be reported to ANA_insuranceinquiries@arcadis.com, Zach Mongan (EF H&S), and Susan Atwood (EF Fleet Manger)

- CODES:**
- B-BENT
 - BR-BROKEN
 - BU-BULGE
 - C-CHAFED
 - CH-CHIPPED
 - CPM-COVERED WITH PROTECTIVE MATERIAL-UNABLE TO DETERMINE DEFECTS IF ANY
 - CSA-CHAFED AND SCRATCHED ALL OVER
 - CR-CRACKED
 - D-DENTED
 - DMC-DUST AND MUD COVERED UNABLE TO DETERMINE OTHER DEFECTS IF ANY
 - G-GOUGED OR CUT
 - GC-GLASS CRACKED
 - HS-HAIRLINE SCRATCH
 - M-MISSING
 - P-PUNCTURED
 - R-RUSTY
 - S-SCRATCHED
 - SC-SCRAPED
 - SM-SMASHED
 - ST-STAINED AND/OR SOILED
 - T-TORN



-INDICATE ON DIAGRAM-
-GIVE DIMENSIONS-
-CIRCLE WHERE APPLICABLE-

Notes:

Tread guide: If a tread gauge is not available coins may be used to determine remaining tread. 2/32" is the minimum by law in most states (top of Lincoln's head on penny), 4/32" is minimum recommended for wet surfaces (top of Washington's head on quarter), 6/32" is minimum recommended for snowy surfaces (top of Lincoln Memorial on penny). Vehicle tires should be replaced if the tread depth is less than 6/32".



2/32" remaining 4/32" remaining 6/32" remaining

Reference JSA 10907 For Weekly Vehicle Inspection

Arcadis Site Security Plan Template



Date: 6/20/2023
Project Name: Bracher Elementary School Santa Clara, California
Project Number: 30155229
Client Name: SCUSD

Overview of the security hazards for the project:

Work will be conducted during non-daylight hours.

Current security controls:

No security controls are in place on the project
Select
Select
Select
Select

Additional controls to be utilized.

Review and revise security measures during the tailgate safety briefing. Stop work if lights fail to work during night work. Coordinate with law enforcement on work dates and time in advance of work.

Arcadis Work Authorization Form is required

Method of Communication:

<input checked="" type="checkbox"/> Cell Phone (including text communication)	<input type="checkbox"/> GPS
<input type="checkbox"/> Landline	<input type="checkbox"/> Transponder
<input type="checkbox"/> 2-way Radio	<input type="checkbox"/> App: _____
<input type="checkbox"/> Satellite Phone	<input type="checkbox"/> Other: _____

Frequency of Communication: HOURLY

Enter time in military format ##:##

Planned Start Time: 8:00:00 AM Planned End Time: 8:00:00 PM

Client Contact Name: Melissa Kersh
Client Contact Number: 408-423-2148
Field Worker Name: _____
Field Worker Phone Number: _____
Office Contact Name: Julie Munn
Office Contact Phone Number: 916-865-3153

Contingency Plan (if the Field Worker cannot be reached, describe actions the Office Contact will take)

Notification Log

Time	Field Worker Notification	Office Receipt of Notification
8:00:00 AM	_____	_____
9:00:00 AM	_____	_____
10:00:00 AM	_____	_____
11:00:00 AM	_____	_____
12:00:00 PM	_____	_____
1:00:00 PM	_____	_____
2:00:00 PM	_____	_____
3:00:00 PM	_____	_____
4:00:00 PM	_____	_____
5:00:00 PM	_____	_____
6:00:00 PM	_____	_____
7:00:00 PM	_____	_____
8:00:00 PM	_____	_____



IIPP HASP Supplement for Project Sites and Offices

The purpose of the Arcadis Illness and Injury Prevention Program (IIPP) is to establish location specific written guidelines to ensure the safety of employees working at Arcadis offices or project sites located in the state of California (best management practice for other locations). It is the intention of Arcadis to provide a safe and healthy working environment for all of its employees.

All Arcadis employees and subcontractors will be offered a copy and are required to implement and following the principles set forth in this IIPP.

The purpose of this HASP Supplement is to communicate the specific details of the IIPP associated with the specific California office or project site for which this supplement has been prepared.

A copy of the Arcadis H&S Standard ARC HSGE008 (Injury and Illness Prevention Program) must be included as an attachment to all California project site HASPs or office Emergency Response Hazard Communication Plans to meet the requirements of CCR Title 8 3203.

The programmatic details of the Arcadis H&S Standard ARC HSGE008 are incorporated by reference

This IIPP HASP supplement has been prepared to be used as a location specific IIPP template to address the required components of the IIPP as mandated by CCR Title 8, Section 3203.

Scope and Application:

This document serves as the written Injury Illness Prevention Plan for Arcadis activities for the following Arcadis office and/or project site:

Arcadis Office/Project Site: Roseville Office/Sunnyvale, CA

This HASP supplement is supported by the following documents, which are presented as references supporting this supplement:

Arcadis Office or Project Site Documents: (e.g., HASP or Office Emergency Response & HazCom Plan, Field Sampling Plan, SOPs, etc.)

Responsibility §3203(a)(1):

Roles and responsibilities are detailed in the office/site HASP. See the "Emergency Information" and "Tasks, Roles & Training Sections".

Arcadis California IIPP Program Administrator:

Kathy Norton, CIH.
Irvine CA. 714-508-2643

Arcadis Office H&S Coordinator / Site Health and Safety Officer: Divya Mehta

Compliance §3203(a)(2):

All employees are responsible for applying the Arcadis TRACK process in evaluating hazards and assessing risk for all work tasks, using safe work practices, following all directives, policies and procedures, and for assisting in maintaining a safe work environment. See the Arcadis H&S Standard ARC HSGE008 for the steps detailing compliance with the Arcadis H&S program.

Communication §3203(a)(3):

Arcadis recognizes the importance of two-way communication between management and staff to address health and safety issues with the objective of planning for and maintaining an injury-free, productive workplace. A description of the policy and procedures developed to facilitate a continuous flow of health and safety focused communications between management and staff is provided in the Arcadis H&S Standard ARC HSGE008.

Note below which office/site specific workplace hazard methods of communication are used:

	Site Health & Safety Plan	X	Task Improvement Process (TIPs)
	Tailgate Safety Meetings (TSM)		Emergency Response & HazCom Plan
X			
X	Job Safety Analysis (JSA)		Safety Committee Meetings
X	Safety Data Sheets (SDS)		Safety bulletins/Client procedures
	Other documents noted below:		COVID-19 Procedures

Workplace Hazard Assessment §3203(a)(4):

Initial workplace hazard analysis is completed during the preparation of the project site HASP or office HazCom plan. Periodic inspections will be performed to identify and evaluate workplace hazards in all areas of the office or project site. Inspections and the associated observations will be conducted in accordance with the Arcadis H&S Standard ARC HSGE008.

Periodic inspections will consist of identification and evaluation of workplace hazards using the H&S management assessments, H&S compliance assessments, TIPs, site/office inspections or Arcadis global/Third Party/Client-Led H&S assessments to identify and evaluate workplace hazards.

Note: The primary criteria for conducting inspections are the number of hours worked at the site or office and the risk ranking of the hazards present. See the project specific HASP "Signatures" tab or office Emergency Response and Hazard Communication plan for a detail of proposed TIPs, assessments and inspections.

Accident Investigations §3203(a)(5):

All near misses, calls to WorkCare, and injuries must be reported to Arcadis Corporate H&S as soon as possible. Procedures for investigating workplace accidents, incidents and injuries are described in the Arcadis H&S Standard ARC HSGE008 and documents referenced therein. For incidents involving third parties the Arcadis Legal Counsel must be contacted. Approval from legal counsel is required before a 4-Sight incident investigation entry is prepared.

Hazard Correction and Communication §3203(a)(6):

Unsafe or unhealthy work conditions, practices or procedures shall be corrected in a timely manner based on the severity of the hazard(s). Hazards shall be corrected according to the procedures outlined in the Arcadis H&S Standard ARC HSGE008.

Note: When an imminent hazard exists which cannot be immediately abated without endangering employee(s) and/or property, All Arcadis employees and subcontractors will Stop Work and leave the area. Employees identified to correct the hazardous condition will do so only when provided with the necessary training and protection to address the hazard safely.

Training and Instruction §3203(a)(7):

All employees, including managers and supervisors, shall have training and instruction on general and job-specific health and safety practices. Project site specific training requirements are communicated in the site specific HASP under the "Tasks, Roles and Training" tab.

A detailed discussion of the competency, training requirements and training process for the IIPP are covered in the Arcadis H&S Standard ARC HSGE008.

Record Keeping §3203(b)(1) & (2):

Records of workplace hazard assessments and inspections will be maintained in accordance with the Arcadis Human Resources policy HR 2.12 for record retention. Project teams or office staff who are responsible for recording of the assessment or inspection will include at a minimum; the person(s) conducting the inspection, any unsafe conditions and work practices that have been identified and the action taken to correct the identified unsafe conditions and work practices.

Also, Documentation of health and safety training for each employee including the employees name, training dates, training program, and training providers are recorded and maintained by the Arcadis Training Center. All employees receiving training conducted via third party training vendors are required to send a certificate of completion or similar record to the Training Center.

Labor - Management Safety Committee §3203(a)(3):

Establishment of a "Labor - Management Safety Committee" is a recommendation of §3203(c) when working in facilities with unionized employees and as such is not required for an IIPP to be complete. If establishment of a Labor - Management Safety Committee is not applicable the process and procedures to formalize, document and communicate the health and safety related reporting is described in this IIPP. The components of the Arcadis H&S Communications program is provided in the Arcadis H&S Standard ARC HSGE008.

Notes:

Smoke Respiratory Protection Plan

Project Name: Bracher Elementary School

Project Number: 30155229

Date: 6/21/2023



Santa Clara, California

Introduction:

This Smoke Respiratory Protection Plan (Plan) has been prepared for use by employees working on projects or project sites in wildfire smoke impacted areas where there is known, forecasted or anticipated smoke concentrations in the breathing zone greater than or equal to a current Air Quality Index (AQI) of 151 for PM2.5 (See definitions below). This plan is designed to meet Cal OSHA regulatory requirements but may be used outside of California as a best practice on project sites with breathing zone smoke issues.

Task Description:

Collect soil samples with hand auger and hand held tools.

Definitions:

Current Air Quality Index (AQI). The method used by the U.S. Environmental Protection Agency (U.S. EPA) to report air quality on a real-time basis. Current AQI is also referred to as the "NowCast," and represents data collected over time periods of varying length in order to reflect present conditions as accurately as possible. The AQI data can be used to assess conditions at the work site if site specific data is unavailable.

PM2.5. Solid particles and liquid droplets suspended in air, known as particulate matter, with an aerodynamic diameter of 2.5 micrometers or smaller

Filtering facepiece respirator (FFR). An FFR is an N95 or similar type respirator AKA as "dust ask". Unlike FFRs, reusable respirators described as "tight-fitting facepieces" or "elastomeric respirators" even when used in a "voluntary use" capacity still have requirements which at a minimum includes a medical evaluation.

The current AQI is divided into six categories as shown in the table below, adapted from Table 2 of Title 40 Code of Federal Regulations, Part 58, Appendix G.

Air Quality Index (AQI) Categories for PM2.5	PM2.5 in Microgram per Cubic Meter ($\mu\text{g}/\text{m}^3$)	Levels of Health Concern
0 to 50	0 to 12	Good
51 to 100	12.1 to 35.4	Moderate
101 to 150	35.5 to 55.4	Unhealthy for Sensitive Groups
151 to 200	55.5 to 150.4	Unhealthy
201 to 300	150.5 to 250.4	Very Unhealthy
301 to 500	250.4 to 500.4	Hazardous

If Site Specific Air Monitoring Equipment is Used:

[Project team will rely on AQI data from AirNow.gov instead of using air monitoring devices.](#)

When using a direct-reading particulate monitor to determine PM2.5 levels described above:

- (1) Must not underestimate employee exposures to wildfire smoke; or
- (2) May underestimate wildfire smoke exposures, but the project team has obtained information on the possible error of the monitor from the manufacturer or other published literature and has accounted for the error of the monitor when determining exposures to PM2.5 to ensure that employee exposure levels are not underestimated.

The monitor selected shall be designed and manufactured to measure the concentration of airborne particle sizes ranging from an aerodynamic diameter of 0.1 micrometers up to and including 2.5 micrometers. If the monitor measures a particle size range beyond these limits, the project team must treat the results as the PM2.5 levels.

The project team shall ensure that the monitor used is calibrated, maintained, and used, including the use of necessary accessories, in accordance with the manufacturer's instructions for accurately

measuring PM2.5 concentrations.

Smoke Inhalation Hazard Controls:

Consistent with Arcadis policy, engineering controls will first be considered and implemented to the extent practical to control PM2.5 levels of smoke in the atmosphere. These controls include, but are not limited to performing work such as preparing paperwork, calibrating instruments, preparing equipment, etc. inside buildings or vehicles with filtered air ventilation systems to the extent possible.

If engineering controls fail to mitigate smoke to less than current AQI 151 for PM2.5 levels in the breathing zone, administrative controls will be considered. These controls may include, but are not limited to, adjusting work schedules for affected employees, use of job rotation, implementing work/rest periods, etc. to mitigate the exposure.

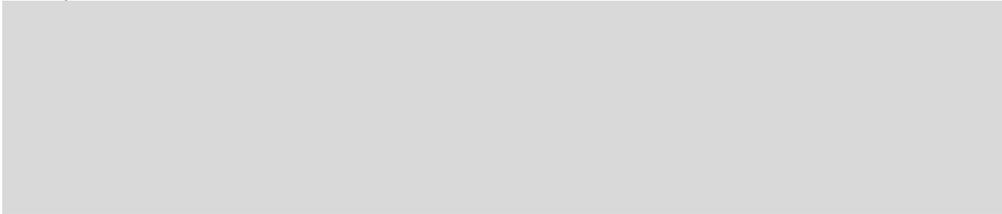
If engineering and administrative controls fail to mitigate a current AQI151 for PM2.5 exposure, personal protective equipment in the form of respiratory protection will be provided as follows:

a) Where the current AQI for PM2.5 is equal to or greater than 151, but does not exceed 500, respirators will be provided to all employees for voluntary use and employees are encouraged to use the respirators provided. Respirators selected shall be NIOSH-approved and effectively protect the wearers from inhalation of PM2.5, such as N95 filtering facepiece respirators. Respirators shall be cleaned, stored, maintained, and replaced so that they do not present a health hazard to users. Additionally:

- 1) The project team shall provide each respirator wearer a copy of Attachment A to this Plan as training in the proper voluntary use of respirators on the project.
- 2) Since the filtering facepiece respirator use is voluntary, regulatory and Arcadis requirements regarding fit testing and medical evaluations are not mandatory.

b) Where the current AQI for PM2.5 exceeds 500, respirator use is required in accordance with all requirements in the Arcadis Respiratory Protection Health and Safety Standard. The assigned protection factor for the respirator used will ensure the PM2.5 levels inside the respirator correspond to an AQI less than 151. If wildfire smoke is the only respiratory hazard of concern on the project, preparation of the Arcadis Level C Supplement is not required if meeting the requirements of this plan.

Site Specific Controls:



Respirator Change Out:

In most situations, the NIOSH approved N-95 respirator to be issued for voluntary use will be in the form of a "dust mask". When used in voluntary situations, the dust mask will be replaced:

- a) At the end of each work shift; or
- b) When visibly soiled or discolored from smoke, dirt or debris; or
- c) When breathing becomes difficult or labored while wearing the dust mask.

Attachment A

Protection from Wildfire Smoke Information to Be Provided to Employees (California Mandatory per Appendix B to Title 8 Section 5141.1. All Other States Distribution Recommended)

(a) The health effects of wildfire smoke.

Although there are many hazardous chemicals in wildfire smoke, the main harmful pollutant for people who are not very close to the fire is "particulate matter," the tiny particles suspended in the air. Particulate matter can irritate the lungs and cause persistent coughing, phlegm, wheezing, or difficulty breathing. Particulate matter can also cause more serious problems, such as reduced lung function, bronchitis, worsening of asthma, heart failure, and early death. People over 65 and people who already have heart and lung problems are the most likely to suffer from serious health effects. The smallest-and usually the most harmful-particulate matter is called PM2.5 because it has a diameter of 2.5 micrometers or smaller.

(b) The right to obtain medical treatment without fear of reprisal.

Employers shall allow employees who show signs of injury or illness due to wildfire smoke exposure to seek medical treatment, and may not punish affected employees for seeking such treatment. Employers shall also have effective provisions made in advance for prompt medical treatment of employees in the event of serious injury or illness caused by wildfire smoke exposure.

(c) How employees can obtain the current Air Quality Index (AQI) for PM2.5.

Various government agencies monitor the air at locations throughout California and report the current AQI for those places. The AQI is a measurement of how polluted the air is. An AQI over 100 is unhealthy for sensitive people and an AQI over 150 is unhealthy for everyone. Although there are AQIs for several pollutants, Title 8, section 5141.1 about wildfire smoke only uses the AQI for PM2.5.

The easiest way to find the current and forecasted AQI for PM2.5 is to go to www.AirNow.gov and enter the zip code of the location where you will be working. The current AQI is also available from the U.S. Forest Service at <https://tools.airfire.org/> or a local air district, which can be located at www.arb.ca.gov/capcoa/dismap.htm. Employees who do not have access to the internet can contact their employer for the current AQL. The EPA website www.enviroflash.info can transmit daily and forecasted AQIs by text or email for particular cities or zip codes.

(d) The requirements in Title 8, section 5141.1 about wildfire smoke.

If employees may be exposed to wildfire smoke, then the employer is required to find out the current AQI applicable to the worksite. If the current AQI for PM2.5 is 151 or more, the employer is required to:

- (1) Check the current AQI before and periodically during each shift.
- (2) Provide training to employees.
- (3) Lower employee exposures.
- (4) Provide respirators and encourage their use.

(e) The employer's two-way communication system.

Employers shall alert employees when the air quality is harmful and what protective measures are available to employees. Employers shall encourage employees to inform their employers if they notice the air quality is getting worse, or if they are suffering from any symptoms due to the air quality, without fear of reprisal.

The employer communication system is:

The Site Safety Officer will update employees on current AQI for PM2.5 verbally during safety briefings and throughout the day by:

<input type="checkbox"/>	Two-way radio communications	
<input checked="" type="checkbox"/>	Cell or satellite phone via voice or text	
<input type="checkbox"/>	Other method _____	NA

f) The employer's methods to protect employees from wildfire smoke.

Employers shall take action to protect employees from PM2.5 when the current AQI for PM2.5 is 151 or greater. Examples of protective methods include:

- (1) Locating work in enclosed structures or vehicles where the air is filtered.
- (2) Changing procedures such as moving workers to a place with a lower current AQI for PM2.5.
- (3) Reducing work time in areas with unfiltered air.
- (4) Increasing rest time and frequency, and providing a rest area with filtered air.
- (5) Reducing the physical intensity of the work to help lower the breathing and heart rates.

The employer's control system at this worksite is:

0

(g) The importance, limitations, and benefits of using a respirator when exposed to wildfire smoke.

Respirators can be an effective way to protect employee health by reducing exposure to wildfire smoke, when they are properly selected and worn. Respirator use can be beneficial even when the AQI for PM2.5 is less than 151, to provide additional protection.

When the current AQI for PM2.5 is 151 or greater, employers shall provide their workers with proper respirators for voluntary use. If the current AQI is greater than 500, respirator use is required in accordance with all applicable regulatory and Arcadis Respiratory Protection Program requirements.

A respirator should be used properly and kept clean. The following precautions shall be taken:

- (1) Employers shall select respirators certified for protection against the specific air contaminants at the workplace. NIOSH, the National Institute for Occupational Safety and Health of the U.S. Center for Disease Control and Prevention, certifies respirators. A label or statement of certification should appear on the respirator or respirator packaging. It will list what the respirator is designed for (particulates, for example). Surgical masks or items worn over the nose and mouth such as scarves, T-shirts, and bandannas will not provide protection against wildfire smoke. An N95 filtering facepiece respirator, shown in the image below, is the minimum level of protection for wildfire smoke.
- (2) Read and follow the manufacturer's instructions on the respirator's use, maintenance, cleaning and care, along with any warnings regarding the respirator's limitations. The manufacturer's instructions for medical evaluations, fit testing, and shaving should also be followed, although doing so is not required by Title 8, section 5141.1 for voluntary use of filtering facepiece respirators.
- (3) Do not wear respirators in areas where the air contains contaminants for which the respirator is not designed. A respirator designed to filter particles will not protect employees against gases or vapors, and it will not supply oxygen.
- (4) Employees should keep track of their respirator so that they do not mistakenly use someone else's

respirator.

(5) Employees who have a heart or lung problem should ask their doctor before using a respirator.

(h) How to properly put on, use, and maintain the respirators provided by the employer.

To get the most protection from a respirator, there must be a tight seal around the face. A respirator will provide much less protection if facial hair interferes with the seal. Loose-fitting powered air purifying respirators may be worn by people with facial hair since they do not have seals that are affected by facial hair.

The proper way to put on a respirator depends on the type and model of the respirator. For those who use an N95 or other filtering facepiece respirator mask that is made of filter material:

- (1) Place the mask over the nose and under the chin, with one strap placed below the ears and one strap above.
- (2) Pinch the metal part (if there is one) of the respirator over the top of the nose so it fits securely.



*Drawing Showing Proper Fitting of a Filtering Facepiece Respirator
(shaving is not required for voluntary respirator use)*

For a respirator that relies on a tight seal to the face, check how well it seals to the face by following the manufacturer's instructions for user seal checks. Adjust the respirator if air leaks between the seal and the face. The more air leaks under the seal, the less protection the user receives.

Respirator filters should be replaced if they get damaged, deformed, dirty, or difficult to breathe through. Filtering facepiece respirators are disposable respirators that cannot be cleaned or disinfected. A best practice is to replace filtering facepiece respirators at the beginning of each shift.

If you have symptoms such as difficulty breathing, dizziness, or nausea, go to an area with cleaner air, take off the respirator, and get medical help.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Sections 142.3 and 144.6, Labor Code.

Arcadis Heat Illness Prevention Plan (HIPP)
HASP Supplement

Purpose and Scope

Date Completed [Redacted]

The purpose of this document is to serve as a planning tool and implementation guide to assist the project team, onsite personnel, and the Site Safety Officer (SSO) or other designated responsible party to comply with the requirements set forth by **Cal/OSHA Title 8 CCR 3395 Heat Illness Prevention Standard** and the **Washington State Outdoor Heat Exposure Regulations 296-62-09510 thru 09560**.

NOTE: This HASP Supplement is required to be used in California and Washington states. The Arcadis Health and Safety Standards ARC HSIH013 Heat Stress Prevention, and ARC HSGE008 Injury and Illness Prevention Program (IIPP) must accompany this HASP Supplement. To completely address the regulatory requirements for work in CA and WA states these standards are required to be used in association with the project-specific HASP and this supplement.

The scope of this HIPP applies to Arcadis projects which include, but are not limited to: outdoor operations such as contractor oversight, construction, refining, oil and gas extraction, asbestos removal, and hazardous waste site activities and interior work particularly tasks which require employees to wear PPE which can increase the risk for heat stress for the wearer. This HIPP provides guidance to prevent or reduce the risk of work-related heat illness. This HASP Supplement provides site specific instructions for actions to be completed at the project site.

Project sites in other states and provinces are expected to use this HASP Supplement as a Best Management Practice to prevent heat related illness injuries.

Project Site Name [Redacted]

Authority and Implementation

The following designated individuals have authority and responsibility for implementing the provisions of this program at the project work site indicated above.

Project Manager [Redacted]

Site Safety Officer (SSO) [Redacted]

SSO Designated Alternate [Redacted]

Acclimatization of Personnel for Heat Stress Prevention

The degree to which personnel have been able to physiologically adjust or acclimatize to working under hot conditions affects ability to safely do work. Acclimatized individuals generally have lower heart rates and body temperatures than unacclimated individuals, and sweat sooner and more profusely. This enables them to maintain lower skin and body temperatures at a given level of environmental heat and work loads than unacclimated workers. Acclimatization can occur after a few days of exposure to the hot work environment. OSHA/NIOSH suggests an acclimatization period of 2-3 days for fit personnel. On the 1st day personnel should spend 50% of the day exposed to / working in the hot environment and increasing the amount of work 10-20% based on personnel response to the hot environment and work load.

Procedures for Provisions for Potable Water

The SSO or designee will be responsible for implementing the following when conditions at the site are anticipated to exceed 80 degrees (°) Fahrenheit (F) / 26.6° Celsius (C)

1. Proper hydration is critical to preventing heat related illness and injury. Project sites will maintain an adequate supply of suitably cool, fresh and pure potable water on site/readily accessible to allow each employee to consume 1 quart (1 L) of water per hour, ideally at a rate of four 8-oz (250 mL) cups per hour.

NOTE: Fresh and pure water is defined as being "odor free and suitably cool". Where suitably cool means water being cooler than the ambient temperature but not so cold as to cause discomfort or prevent drinking.

NOTE: Electrolyte replacement drinks or "Sports Drinks" should be used to replace essential minerals lost during sweating. Sports drinks should supplement water intake e.g. one "sport drink" to every three bottles of water (3 waters : 1 sport drink)

2. During the Tailgate Safety Meeting and site briefings identify and communicate the type and location of the water source. The water source must provide suitably cool, fresh, and pure water in sufficient quantity for all employees at the site. Water shall be provided free of charge or expenses will be reimbursed for employees. If the source is potable plumbed water do not complete Item 6 of this Section.

3. Communicate to staff whether all water for the day will be provided at the start of the shift (e.g., 2 gallons / 8 L per employee for an 8-hour shift), or how and when water will be replenished.

NOTE: A sufficient quantity of water must always be present and readily accessible to allow every employee to consume at least 1 quart (1L) of water per hour. It is suggested to have a minimum of three hours supply of water per employee on hand.

4. Water supplies must be positioned as close as reasonable possible to site workers. Placing water only in shaded areas or by toilet facilities is not sufficient, particularly at large work sites or at multi-story construction sites. Drinking water sources need to be close enough to workers to allow for routine consumption per the rate noted above.

5. Inspect the coolers / water dispensers for cleanliness and replenishment of water and cooling ice routinely based on temperatures and staff size. Cooling ice will be stored in clean coolers if added directly to water dispensers.

NOTE: If the site temperature exceeds 90° F / 32° C the frequency of the cooler inspection will increase to verify water remains cool and the water supply is maintained.

6. Oversee the daily inspection and maintenance of coolers to ensure they are kept clean and in good condition.

Potable Water Source & Location

<input type="checkbox"/> Potable plumbed source	Location:	
<input type="checkbox"/> Bottled water in chilled cooler	Location:	
<input type="checkbox"/> Drinking water dispenser & cups	Location:	

Procedures for Provisions for Potable Water Continued

Check which applies. Must check at least one box, or provide additional detail.

<input type="checkbox"/>	Ice will be purchased at the start of each day.
<input type="checkbox"/>	Ice will be provided by an onsite source or vendor service. Ice to be potable
<input type="checkbox"/>	Alternative potable ice source: _____
<input type="checkbox"/>	Food safe cleaning product for water cooler.
<input type="checkbox"/>	Sufficient amount of drinking water cups for each employee per dispenser.
<input type="checkbox"/>	Other items needed: _____

Access to Shade

The SSO or designee is responsible for implementing the following for how shade will be coordinated and provided **when temperatures exceed 80° F / 26° C.**

1. Access to shade must be allowed at all times. Before the start of work, the location of the shade areas, the importance of taking shade breaks, recognizing the signs and symptoms of heat illness, the schedule of shade breaks, and the location of shade break locations (if not portable) will be addressed during each Tailgate Safety Meeting and site briefing.

NOTE: Where required by regulation, shade breaks will be taken at a minimum rate of 10 minutes of shade for every two hour work period. As temperature increases shade breaks will increase in frequency. See the Heat Index table below for Heat Index specific Action Levels defining shade break frequency and duration.

2. The amount of shaded area must be able to accommodate all employees taking a recovery or rest break including employees on meal breaks. The shaded area(s) don't need to provide shade to accommodate **all employees** on a site or working a shift at the same time. An example includes rotating routine breaks among employees. Also, additional portable shade structures can be erected on an "as-needed" basis.

Employees must have enough shaded space so they can sit in a normal posture fully in the shade with enough space to allow for sitting without being in physical contact with each other. Employees who desire access to shade must not be deprived of it due to lack of space.

3. Employees who take a preventative cool-down rest;

(1) shall be monitored and asked if they are experiencing symptoms of heat related illness. (2) shall be encouraged to remain in the shade. (3) shall not be ordered back to work until signs or symptoms of heat illness have abated, but in no event less than 5 minutes in addition to the time needed to access the shade.

If an employee exhibits signs or symptoms of heat illness while taking a preventative cool-down rest the SSO will provide appropriate support (e.g. additional hydration and/or call to WorkCare) or emergency response support as needed based on symptoms.

4. Shade structures will be relocated to follow the crew for moving tasks. Shade structures will be placed within 50 feet of the work area, if practical. Shade structures must be no further than a short walk away (e.g. 2-3 minutes) from the work area. This consideration becomes more critical as the temperature rises above 80° F (26 C).

Access to Shade Continued

5. In situations where it is not safe or feasible to provide shade, the SSO will document in the HASP Supplement the unsafe or unfeasible conditions, and include the steps taken to provide alternative cooling measures equivalent to shade.

Unsafe/unfeasible conditions: _____

Alternative Cooling Measures Implemented:

- Provide vehicles with working air conditioner to all employees for rest breaks / recovery breaks / meal breaks.
- Provide temporary or mobile shade structure(s) that are either ventilated or open to air movement (Secure against wind.)
- Provide a building / permanent structure(s) in close proximity to the work area with a cooling environment via mechanical ventilation or open to air movement which will be used for shade. (Job trailer, pavilion, manufacturing building, etc.)
- Other: _____

Monitoring of Weather and Heat Index Table

1. The SSO or designee must check the extended weather forecast in advance of the upcoming work on a weekly basis. Work schedules will be adjusted in advance, taking into consideration whether high temperatures or a heat wave is expected.

Accepted weather forecasting resources include webpages "NOAA.gov" or "weather.com" or see the NIOSH Heat Tool (formerly the OSHA Heat Tool app)

<https://www.cdc.gov/niosh/topics/heatstress/heatapp.html>

2. Before work starts for the day or shift, the SSO will review the forecasted temperature and humidity for the (exterior) work site and compare conditions against the National Weather Service Heat Index (below) to evaluate the risk level for heat illness. Determination will be made of whether or not workers will be exposed to a combination of temperature and humidity characterized as "Caution", "Extreme Caution", "Danger" or "Extreme Danger" for heat illnesses.

NOTE: It is important to know the temperature at which these warnings occur. When working outdoors see the Heat Index Table in this supplement for Action Level specific instructions for hazard controls.

3. Where state regulations indicate a thermometer or similar on-site monitoring device will be used at the job site to monitor for sudden increases in temperature. The SSO will be responsible for obtaining a thermometer/weather station prior to the start of work and make it readily visible / accessible where it can easily be monitored throughout the course of the day.

NOTE: If the temperature is > 80°F (26 C) shade structures will be opened and made available to workers. If temperature is ≥ 95° F (35 C) additional preventive measures will be implemented.

Monitoring of Weather and Heat Index Table Continued

		Relative Humidity (%)																			
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
80	77	78	78	79	79	79	80	80	80	81	81	82	82	83	84	84	85	86	86	87	87
81	78	79	79	79	79	80	80	81	81	82	82	83	84	85	86	86	87	88	88	90	91
82	79	79	80	80	80	80	81	81	82	83	84	84	85	86	88	89	90	91	93	95	95
83	79	80	80	81	81	81	82	82	83	84	85	86	87	88	90	91	93	95	97	97	99
84	80	81	81	81	82	82	83	83	84	85	86	88	89	90	92	94	96	98	100	100	103
85	81	81	82	82	82	83	84	84	85	86	88	89	91	93	95	97	99	102	104	107	107
86	81	82	83	83	83	84	85	85	87	88	89	91	93	95	97	100	102	105	108	112	112
87	82	83	83	84	84	85	86	87	88	89	91	93	95	98	100	103	106	109	113	117	116
88	83	84	84	85	85	86	87	88	89	91	93	95	97	100	103	106	110	113	117	122	121
89	84	84	85	85	86	87	88	89	91	93	95	97	100	103	106	110	113	117	122	127	127
90	84	85	86	86	87	88	89	91	92	95	97	100	103	106	109	113	117	122	126	132	127
91	85	86	87	87	88	89	90	92	94	97	99	102	105	109	113	117	122	126	132	137	132
92	86	87	88	88	89	90	92	94	96	99	101	105	108	112	116	121	126	131	136	141	131
93	87	88	89	89	90	92	93	95	98	101	104	107	111	116	120	125	130	136	141	146	136
94	87	89	90	90	91	93	95	97	100	103	106	110	114	119	124	129	135	141	146	151	141
95	88	89	91	91	93	94	96	99	102	105	109	113	118	123	128	134	140	146	151	156	140
96	89	90	92	93	94	96	98	101	104	108	112	116	121	126	132	138	145	151	156	161	145
97	90	91	93	94	95	97	100	103	106	110	114	119	125	130	136	143	150	156	161	166	150
98	91	92	94	95	97	99	102	105	109	113	117	123	128	134	141	148	155	161	166	171	148
99	92	93	95	96	98	101	104	107	111	115	120	126	132	138	145	153	160	166	171	176	153
100	93	94	96	97	100	102	106	109	114	118	124	129	136	143	150	158	165	171	176	181	158
101	93	95	97	99	101	104	108	112	116	121	127	133	140	147	155	162	169	176	181	186	155
102	94	96	98	100	103	106	110	114	119	124	130	137	144	152	160	167	174	181	186	191	160
103	95	97	99	101	104	108	112	116	122	127	134	141	149	157	166	173	180	187	192	197	165
104	96	98	100	103	106	110	114	119	124	131	137	145	153	161	169	176	183	190	195	200	161
105	97	99	102	104	108	112	116	121	127	134	141	149	157	166	173	180	187	194	200	205	166
106	98	100	103	106	109	114	119	124	130	137	145	153	162	170	177	184	191	198	204	209	166
107	99	101	104	107	111	116	121	127	134	141	149	157	167	174	181	188	195	202	208	213	167
108	100	102	105	109	113	118	123	130	137	144	153	162	172	179	186	193	200	207	213	218	172
109	100	103	107	110	115	120	126	133	140	148	157	167	177	184	191	198	205	212	218	223	177
110	101	104	108	112	117	122	129	136	143	152	161	171	181	188	195	202	209	216	222	227	171
111	102	106	109	114	119	125	131	139	147	156	166	176	186	193	200	207	214	221	227	232	176
112	104	107	111	115	121	127	134	142	150	160	170	181	191	198	205	212	219	226	232	237	181
113	104	108	112	117	123	129	137	145	154	164	175	185	195	202	209	216	223	230	236	241	175
114	105	109	113	119	125	132	140	148	158	168	179	189	199	206	213	220	227	234	240	245	179
115	106	110	115	121	127	134	143	152	162	173	184	194	204	211	218	225	232	239	245	250	184
116	107	111	116	122	129	137	146	155	166	177	187	197	207	214	221	228	235	242	248	253	177
117	108	112	118	124	132	140	149	159	170	181	191	201	211	218	225	232	239	246	252	257	181
118	108	113	119	126	134	142	152	162	174	186	196	206	216	223	230	237	244	251	257	262	186
119	109	114	121	128	136	145	155	166	178	189	199	209	219	226	233	240	247	254	260	265	178
120	110	116	122	130	138	148	158	170	182	193	203	213	223	230	237	244	251	258	264	269	182
121	111	117	124	132	141	151	162	174	187	198	208	218	228	235	242	249	256	263	269	274	187
122	111	118	125	134	143	154	165	178	190	201	211	221	231	238	245	252	259	266	272	277	178
123	112	119	127	136	146	157	169	182	194	205	215	225	235	242	249	256	263	270	276	281	182
124	113	120	129	138	148	160	172	185	197	208	218	228	238	245	252	259	266	273	279	284	172
125	114	121	130	140	151	163	176	189	201	212	222	232	242	249	256	263	270	277	283	288	176



Heat Index

Extreme Danger	Heat stroke likely.
Danger	Sunstroke, muscle cramps, and/or heat exhaustion likely. Heatstroke possible with prolonged exposure and/or physical activity.
Extreme Caution	Sunstroke, muscle cramps, and/or heat exhaustion possible with prolonged exposure and/or physical activity.
Caution	Fatigue possible with prolonged exposure and/or physical activity.

Note: The Heat Index table was developed with an expectation of partial shade & light wind conditions present. Work conducted in direct / full sunlight (e.g. no partial shade) and no wind adds up to 15° F (8° C) to the Heat Index evaluation.

Monitoring of Weather and Heat Index Table Continued

Heat Index Action Levels. Below are recommended additional controls. Each level of additional controls is additive as the temperature increases.

	<p>CAUTION 80° - 90° F (26° - 32° C). Implement one or more of the following measures: Provide and direct hydration, schedule breaks, ensure lightweight clothing is worn, provide break areas with shade / ventilation / air conditioning.</p>
	<p>EXTREME CAUTION 90° - 105° F (32° - 40.5° C). Implement all the previous and add one or more of the following: Provide light duty PPE, cooled break areas, shaded work areas. NOTE: "Light Duty PPE" includes hard hat sun shades, sun hats, dry or wet evaporative cooling vests, microfiber cooling towels / scarves / headbands / hard hat suspension inserts or sweatbands, hard hat neck shades.</p>
	<p>DANGER 105° - 130° F (40.5° - 54.4° C). Implement all the previous and add one or more of the following: cooled work areas, modified work schedule, heavy duty PPE, and personnel physiological monitoring. NOTE: "Heavy Duty PPE" phase-change cooling vests, gel pack or ice pack equipped cooling vests. Consider engineering controls such as forced ventilation.</p>
	<p>EXTREME DANGER $\geq 130^{\circ}$ F ($\geq 54.4^{\circ}$ C). If working at this temperature or greater Stop Work until conditions change or hazards are effectively controlled via the items listed above. At this range of temperatures it is critical to implement personnel vital sign monitoring for determining the appropriate frequency and duration of Work / Rest cycles.</p>

Work / Rest Cycle Duration and Frequency Process

All workers, regardless if they are wearing permeable or impermeable clothing, should be monitored when conditions warrant e.g., when temperatures exceed 80°F / 26.6°C. If impermeable clothing is worn (e.g., not standard cotton/synthetic work clothes), it is a best practice to begin monitoring workers when temps are > 70°F in the work area. Prioritize workers completing strenuous tasks. Prioritization should also apply to work conducted indoors, for strenuous tasks, and/or if additional PPE is worn (such as Level C respiratory protection or(CPC). If impermeable clothing, Level C, or CPC is not worn, follow the Heat Index table instructions and evaluate personnel monitoring as part of the high heat measures. Details provided below for appropriate work/rest cycle development with the default rest cycle being a 15-minute interval for every hour when temperatures exceed 90°F.

NOTE: Warning signs include: When a person's sustained (e.g., several minutes) heart rate exceeds 180 beats per minute (bpm) minus their age (e.g., 180 - age = X) for individuals with normal cardiac performance per their physician; or a body core temperature exceeds 101.3°F / 38.5°C for acclimatized workers or 100°F / 38°C for unacclimated workers; a recovery heart rate at 1 minute after a peak work effort is greater than 120 bpm; or there are symptoms of sudden and severe fatigue, nausea, dizziness, or lightheadedness.

Suggested Frequency and Duration of Work / Rest Cycles Applying Physiological Monitoring of Acclimatized Personnel

Adjusted Temp. (1)	Permeable PPE (2)	Impermeable PPE (3)
≥ 90° F / 32° C	After ea. 45 mins. of work	After ea. 15 mins. working
87.5-90° F / 30.8-32.2° C	After ea. 60 mins. of work	After ea. 30 mins. Working
82.5-87.5° F / 28.1-30.8° C	After ea. 90 mins. of work	After ea. 60 mins. Working
77.5-82.5° F / 25.3-28.1° C	After ea.120 mins. of work	After ea. 90 mins. Working
72.5-77.5° F / 22.5-25.3° C	After ea.150 mins. of work	After ea. 120 mins. Working

NOTES:

(1) Adjusted air temp (ta adj) calculation: $ta\ adj\ F = ta\ F + (13 \times \% \text{ sunshine})$. Measure the air temperature (ta) with a thermometer (shielded from radiant heat). Estimate the percent sunshine by judging what percent time the sun is not covered by clouds that are thick enough to produce a shadow. (100 percent sunshine = no cloud cover and a sharp, distinct shadow; 0 percent sunshine = no shadows.)

(2) Permeable PPE consists of cotton clothing with long sleeves and pants or breathable coveralls.

(3) Add 1.8 °F for Tyvek coveralls; add 5.4 °F for heavy clothing; add 19.8 °F for impermeable/semi-impermeable PPE - Level A/B suits)

Heart Rate Monitoring

When conducting heart rate monitoring, first record a resting heart rate to establish the individuals daily baseline heart rate. Count the radial pulse (located on the inside of the wrist below the thumb) during a 30 second interval before the start of work to establish a baseline heart rate. During rest cycles count the heart rate as early as possible at the beginning of the rest cycle and again 3-5 minutes later. The heart rate should fall and soon approach the individuals baseline heart rate.

- If the heart rate exceeds 110 beats per minute at the beginning of the rest period, shorten the next work cycle by one-third and keep the rest period the same.
- If the heart rate still exceeds 110 beats per minute at the next rest period, shorten the following work cycle by one-third.

Body Temperature Monitoring

Use an oral, inner ear, or an infrared type thermometer to measure the body temperature at the end of the work period (If using an oral thermometer record temperature before drinking liquids).

- If oral temperature exceeds 99.6°F (37.6°C), shorten the next work cycle by one-third without changing the rest period.
- If oral temperature still exceeds 99.6°F (37.6°C) at the beginning of the next rest period, shorten the following work cycle by one-third.
- Do not permit a worker to wear a semi-permeable or impermeable garment when his/her oral temperature exceeds 100.6 °F (38.1 °C).

Procedures for High Heat Conditions and Heat Waves

These procedures are additional preventative measures to be implemented when the temperature is > 95° F (35° C). The SSO or designee is responsible for ensuring effective observation and monitoring of employees during periods of high heat by implementing one or more of the following procedures:

1. SSO or designee will supervise 20 or fewer employees.
2. The “Buddy System” is mandatory. Conduct routine checks for early signs of Heat Illness. Set and verify routine consumption of water & sports drinks in a 3:1 ratio.
3. Maintain regular communication between Project Manager or SSO / designee and field staff (e.g. via mobile phone, radio or another effective means) for observation of early signs of heat illness.
4. Designate one or more employees as authorized to contact emergency medical services and communicating that if no designate is identified and the SSO is unavailable that any employee can call for emergency medical assistance.
5. Modify work schedule to avoid hottest parts of the day (e.g. start work earlier in the AM, stop work for the hottest hours of the day, conduct work during the evening).

Additionally, tailgate Safety Meetings will include a review the high heat procedures, encourage employees to drink plenty of water, and remind employees of the importance to take a preventative or recovery cool-down rest when necessary.

Employees will be observed for alertness and signs and symptoms of heat illness at regular intervals to be documented in the field book or field log.

The “Buddy System” must be implemented. Particular attention needs to be paid to new employees or employees who have yet to acclimate to high heat conditions. Additionally, frequent communication will be maintained with employees working by themselves (via cell phone or two-way radio), to evaluate early warning signs and symptoms of heat illness.

When the SSO is not available, an alternate responsible person must be assigned to look for signs and symptoms of heat illness. Such a designated observer will be trained and know what steps to take if heat illness occurs.

"Heat Wave" Procedures

A "heat wave" as defined by NOAA, is a period of abnormally and uncomfortably hot and unusually humid weather." Typically, a heat wave lasts 2 or more days. A "Heat Wave" as defined for the purposes of this Standard is when temperatures are sustained above 80° F / 26° C. During a heat wave or if site conditions indicate the potential for "Extreme Caution", "Danger" or "Extreme Danger" per the NOAA Heat Index Table the following steps will be taken:

Work schedules will be modified to protect workers from heat illnesses. The SSO or designee in coordination with the project team, will use their Stop Work Authority and evaluate the following actions and document the action in the daily field log

1. Modify work hours to exclude the hottest parts of the day.
2. Reschedule work or specific tasks that require strenuous exertion or Stop Work.

If schedule modifications are not possible, the Heat Illness Prevention Plan will be reviewed before work resumes. At a minimum, procedures for heat illness prevention, the provisions of the high heat procedures, the weather forecast and emergency response protocols will be reviewed.

Employees will be provided with additional water and rest breaks and will be observed more frequently. During work activities and rest breaks, employees will be observed for signs and symptoms of heat illness.

All employees will maintain frequent communication with the SSO or designee, who will be monitoring workers for possible symptoms of heat illness. In the event of large project sites where the SSO may be unable to be near the workers (to directly observe or communicate with them), then communication via a cell phone or radio may be used for this purpose provided reception in the area is reliable.

Procedure for Emergency Response

Emergency procedures include recognizing the symptoms of heat related illness. A critical step also involves ensuring that effective communication is established either through voice, direct observation or electronic means such as via mobile phones or 2-way radios. In an emergency situation it is critical that employees understand the process and contact information for requesting emergency medical support. The reception coverage for the site must be evaluated and understood to ensure adequate communication is in place across the project site. During a heat wave or hot temperatures, workers will be reminded and encouraged to immediately report to the SSO any signs or symptoms of the onset of heat stress they are experiencing.

Procedure for Emergency Response Continued

The SSO or designee is responsible for implementing the following procedures for emergency response. These procedures include, but are not limited to, the following:

1. Prior to assigning staff to a particular work site, during the Tailgate H&S Safety Meeting all site workers will review the HASP along with the identified Hospital precise directions (such as streets or road names, distinguishing features, and distances to major roads), to avoid a delay of emergency medical services.
2. Prior to work, efforts will be made to ensure that a qualified, appropriately trained and equipped personnel are consistently available to render first aid.
3. Prior to the morning Tailgate Safety Meeting, an evaluation of whether or not a language barrier is present at the site for understanding the necessary preventative measures and emergency notifications procedures can be completed. Necessary steps will be taken (such as assigning the responsibility to call emergency medical services to the SSO or an English speaking worker) to ensure that emergency medical services can be immediately called in the event of an emergency.
4. All SSOs and supervisors will carry cell phones or other means of communication to ensure that emergency medical services can be called. Routine checks will be made to ensure the devices are allowed on site, have adequate reception across the site, and are functional prior to each shift.
5. When an employee reports symptoms, or displaying symptoms of possible heat illness, steps will be taken immediately to keep the affected employee cool and comfortable. Evaluate whether 1st aid is to be administered or emergency services are to be contacted or the employee is to be taken to an emergency facility for care.

Procedure for Handling a Sick Employee

Signs of Heat Stress: Excessive fatigue, heavy sweating, headaches, abdominal and/or upper thigh cramps, mild dizziness, elevated pulse.

Signs of Heat Exhaustion: Cool, moist, pale or flushed skin, nausea or vomiting, disorientation or confusion.

Signs of Heat Stroke: Hot, red skin which can feel dry to the touch, or moist from overexertion, changes in consciousness, rapid or weak pulse, shallow rapid breathing.

The SSO or designee is responsible for implementing the following procedures for evaluating and providing care for a sick employee:

1. When an employee displays signs or symptoms consistent with the heat related illness, the SSO or designee will check the sick employee and determine whether resting in the shade and drinking cool water will suffice or if emergency service providers will need to be called.

SAFETY DATA SHEET

Version 5.8
Revision Date 05/25/2016
Print Date 06/21/2016

1. PRODUCT AND COMPANY IDENTIFICATION**1.1 Product identifiers**

Product name : Alconox® detergent

Product Number : Z273228
Brand : Aldrich

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : (314) 776-6555

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Serious eye damage (Category 1), H318
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
Acute aquatic toxicity (Category 2), H401

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.

P273	Avoid release to the environment.
P280	Wear protective gloves/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Component	Classification	Concentration
Sodium dodecylbenzenesulfonate		
CAS-No. 25155-30-0	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Aquatic Acute 2; H302, H315, H318, H401	>= 30 - < 50 %
EC-No. 246-680-4		
Tetrasodium pyrophosphate		
CAS-No. 7722-88-5	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335	>= 30 - < 50 %
EC-No. 231-767-1		
Sodium carbonate		
CAS-No. 497-19-8	Eye Irrit. 2A; H319	>= 10 - < 20 %
EC-No. 207-838-8		
Index-No. 011-005-00-2		

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Tetrasodium pyrophosphate	7722-88-5	TWA	5.000000 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)
		TWA	5.000000 mg/m ³	USA. NIOSH Recommended Exposure Limits
		PEL	5 mg/m ³	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Hazardous components without workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: solid |
| b) Odour | No data available |
| c) Odour Threshold | No data available |
| d) pH | No data available |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point | No data available |
| h) Evaporation rate | No data available |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapour pressure | No data available |
| l) Vapour density | No data available |
| m) Relative density | No data available |
| n) Water solubility | No data available |
| o) Partition coefficient: n-octanol/water | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition | No data available |

temperature

- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides, Oxides of phosphorus, Sodium oxides

Other decomposition products - No data available

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available

Inhalation: No data available

Dermal: No data available

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

irritant effects, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Sodium dodecylbenzenesulfonate	25155-30-0	1993-04-24
Tetrasodium pyrophosphate	7722-88-5	2007-03-01
Pentasodium triphosphate	7758-29-4	1993-04-24

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Sodium dodecylbenzenesulfonate	25155-30-0	1993-04-24
Tetrasodium pyrophosphate	7722-88-5	2007-03-01
Pentasodium triphosphate	7758-29-4	1993-04-24
Sodium carbonate	497-19-8	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Sodium dodecylbenzenesulfonate	25155-30-0	1993-04-24
Tetrasodium pyrophosphate	7722-88-5	2007-03-01
Pentasodium triphosphate	7758-29-4	1993-04-24
Sodium carbonate	497-19-8	

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H401	Toxic to aquatic life.
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	0
Reactivity Hazard:	0

Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the

product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.8

Revision Date: 05/25/2016

Print Date: 06/21/2016

Appendix C

EDR Report Components



Bracher Elementary School

2700 Chromite Dr

Santa Clara, CA 95051

Inquiry Number: 7328595.8

May 05, 2023

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

05/05/23

Site Name:

Bracher Elementary School
2700 Chromite Dr
Santa Clara, CA 95051
EDR Inquiry # 7328595.8

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Divya Mehta



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Flight Date: September 06, 1998	USDA
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 23, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: June 09, 1956	USDA
1950	1"=500'	Flight Date: April 01, 1950	USDA
1948	1"=500'	Flight Date: September 26, 1948	USDA
1939	1"=500'	Flight Date: July 31, 1939	USDA

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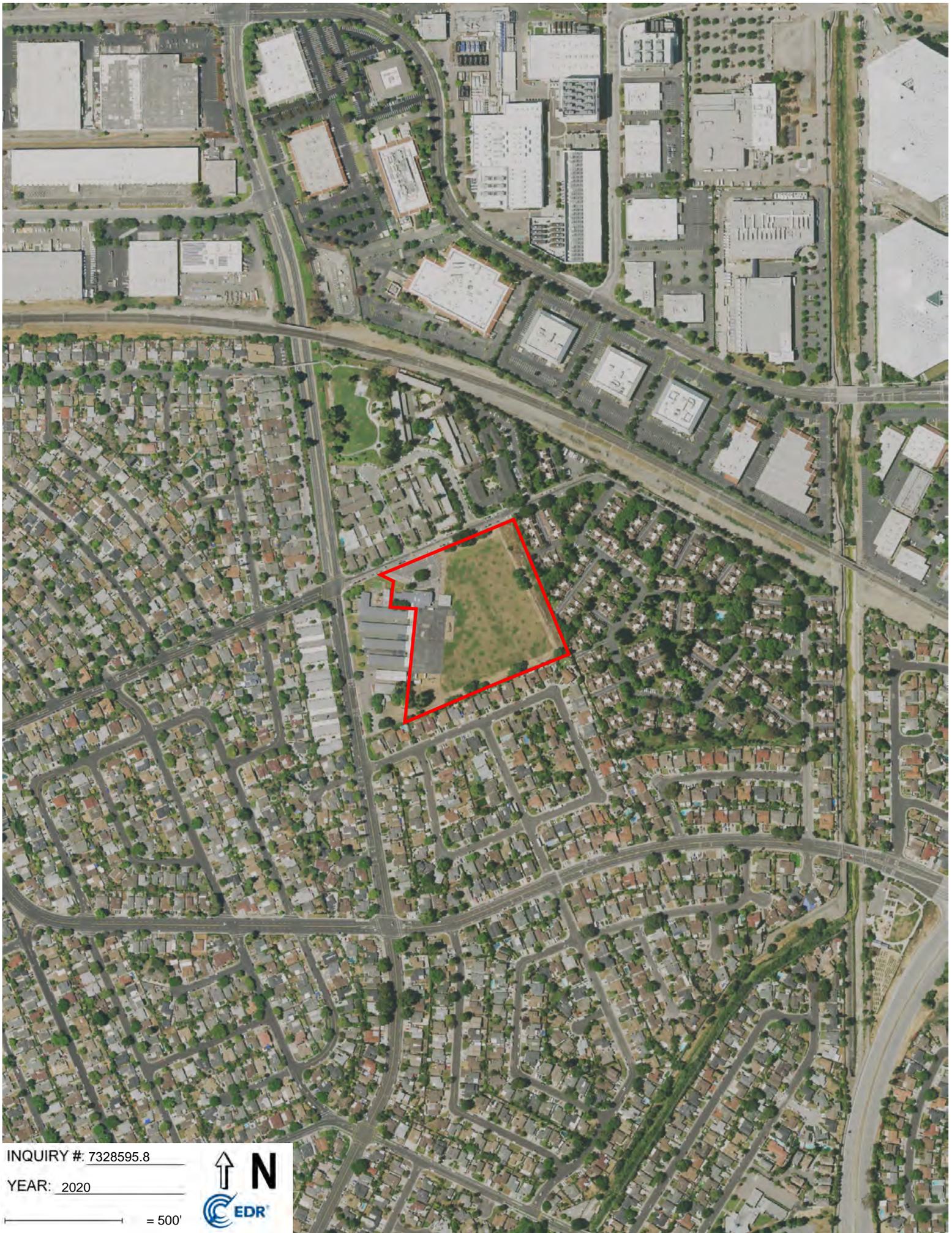
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INQUIRY #: 7328595.8

YEAR: 2020

— = 500'





INQUIRY #: 7328595.8

YEAR: 2016

— = 500'





INQUIRY #: 7328595.8

YEAR: 2012

 = 500'





INQUIRY #: 7328595.8

YEAR: 2009

— = 500'





INQUIRY #: 7328595.8

YEAR: 2006

— = 500'





INQUIRY #: 7328595.8

YEAR: 1998

— = 500'





INQUIRY #: 7328595.8

YEAR: 1993

— = 500'





INQUIRY #: 7328595.8

YEAR: 1982

— = 500'





INQUIRY #: 7328595.8

YEAR: 1974

— = 500'





INQUIRY #: 7328595.8

YEAR: 1968

— = 500'





INQUIRY #: 7328595.8

YEAR: 1963

— = 500'





INQUIRY # 7328595.8

YEAR: 1956

— = 500'





INQUIRY #: 7328595.8

YEAR: 1950

— = 500'





INQUIRY #: 7328595.8

YEAR: 1948

— = 500'





INQUIRY #: 7328595.8

YEAR: 1939

— = 500'



Bracher Elementary School

2700 Chromite Dr

Santa Clara, CA 95051

Inquiry Number: 7328595.4

May 05, 2023

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/05/23

Site Name:

Bracher Elementary School
2700 Chromite Dr
Santa Clara, CA 95051
EDR Inquiry # 7328595.4

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Divya Mehta



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ARCADIS U.S., Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

Coordinates:

P.O.#	30155229	Latitude:	37.367049 37° 22' 1" North
Project:	30155229	Longitude:	-121.974181 -121° 58' 27" West
		UTM Zone:	Zone 10 North
		UTM X Meters:	590834.03
		UTM Y Meters:	4136085.11
		Elevation:	54.00' above sea level

Maps Provided:

2018	1899
2015	1897
2012	1889
1980, 1981	
1973	
1968	
1961	
1953	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



San Jose West
2018
7.5-minute, 24000



Milpitas
2018
7.5-minute, 24000

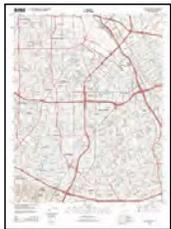


Cupertino
2018
7.5-minute, 24000



Mountain View
2018
7.5-minute, 24000

2015 Source Sheets



San Jose West
2015
7.5-minute, 24000



Milpitas
2015
7.5-minute, 24000



Cupertino
2015
7.5-minute, 24000



Mountain View
2015
7.5-minute, 24000

2012 Source Sheets



San Jose West
2012
7.5-minute, 24000



Milpitas
2012
7.5-minute, 24000



Cupertino
2012
7.5-minute, 24000



Mountain View
2012
7.5-minute, 24000

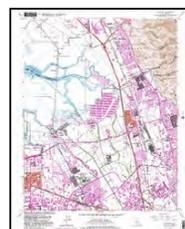
1980, 1981 Source Sheets



Cupertino
1980
7.5-minute, 24000
Aerial Photo Revised 1979



San Jose West
1980
7.5-minute, 24000
Aerial Photo Revised 1979



Milpitas
1980
7.5-minute, 24000
Aerial Photo Revised 1979



Mountain View
1981
7.5-minute, 24000
Aerial Photo Revised 1979

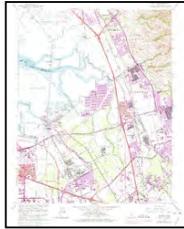
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



Cupertino
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Milpitas
1973
7.5-minute, 24000
Aerial Photo Revised 1973

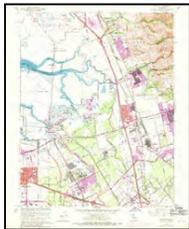


Mountain View
1973
7.5-minute, 24000
Aerial Photo Revised 1973

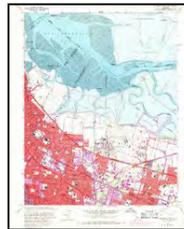


San Jose West
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



Milpitas
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Mountain View
1968
7.5-minute, 24000
Aerial Photo Revised 1968

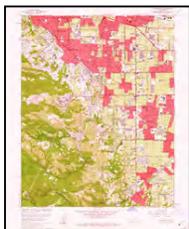


Cupertino
1968
7.5-minute, 24000
Aerial Photo Revised 1968

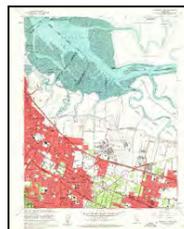


San Jose West
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1961 Source Sheets



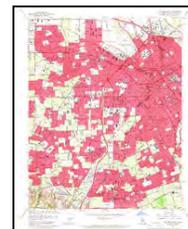
Cupertino
1961
7.5-minute, 24000
Aerial Photo Revised 1960



Mountain View
1961
7.5-minute, 24000
Aerial Photo Revised 1960



Milpitas
1961
7.5-minute, 24000
Aerial Photo Revised 1960



San Jose West
1961
7.5-minute, 24000
Aerial Photo Revised 1960

1953 Source Sheets



Mountain View
1953
7.5-minute, 24000
Aerial Photo Revised 1948



Milpitas
1953
7.5-minute, 24000
Aerial Photo Revised 1948



Cupertino
1953
7.5-minute, 24000
Aerial Photo Revised 1948

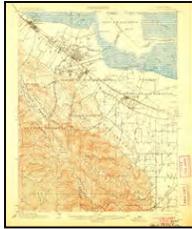


San Jose West
1953
7.5-minute, 24000
Aerial Photo Revised 1948

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1899 Source Sheets

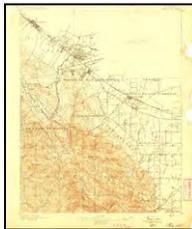


Palo Alto
1899
15-minute, 62500



San Jose
1899
15-minute, 62500

1897 Source Sheets



Palo Alto
1897
15-minute, 62500

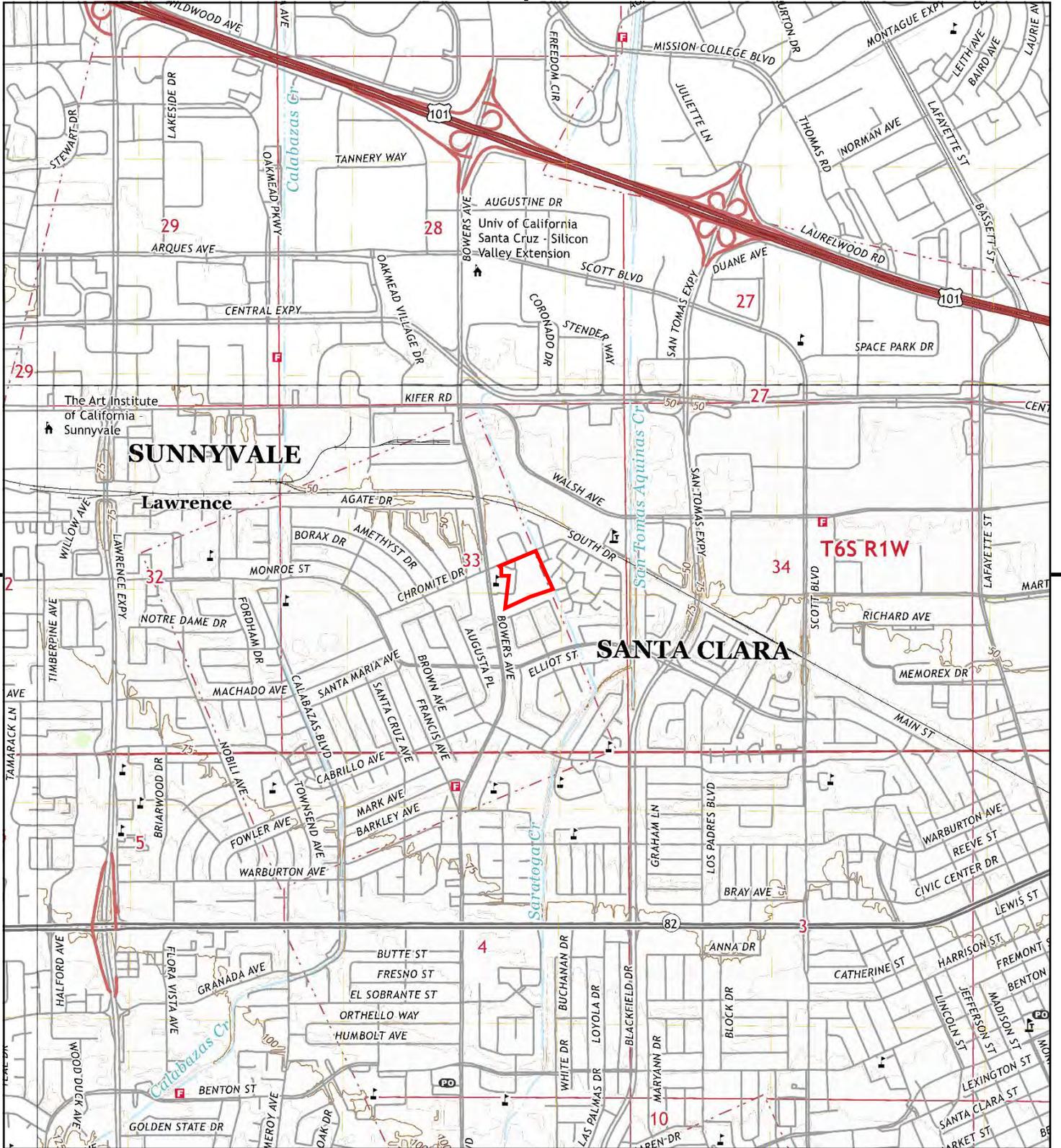


San Jose
1897
15-minute, 62500

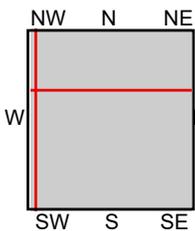
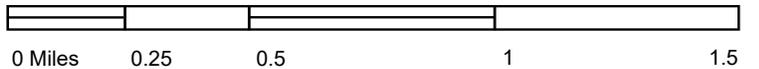
1889 Source Sheets



San Jose
1889
15-minute, 62500



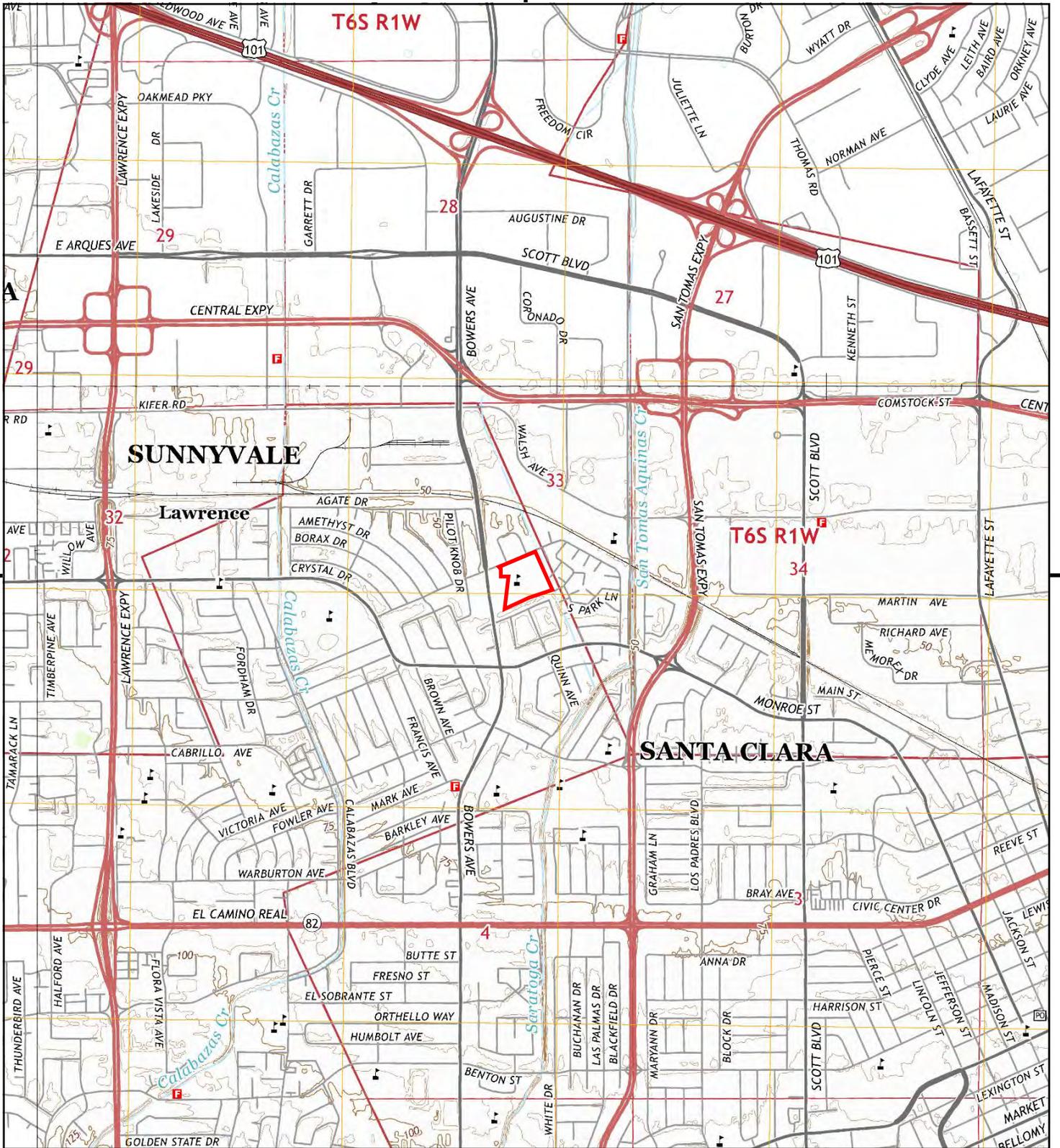
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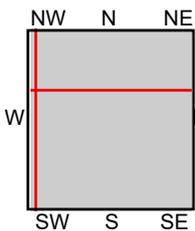
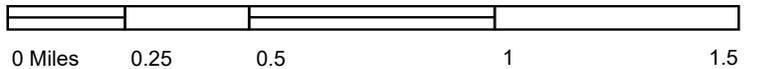
TP, San Jose West, 2018, 7.5-minute
 N, Milpitas, 2018, 7.5-minute
 SW, Cupertino, 2018, 7.5-minute
 NW, Mountain View, 2018, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
CLIENT: ARCADIS U.S., Inc.





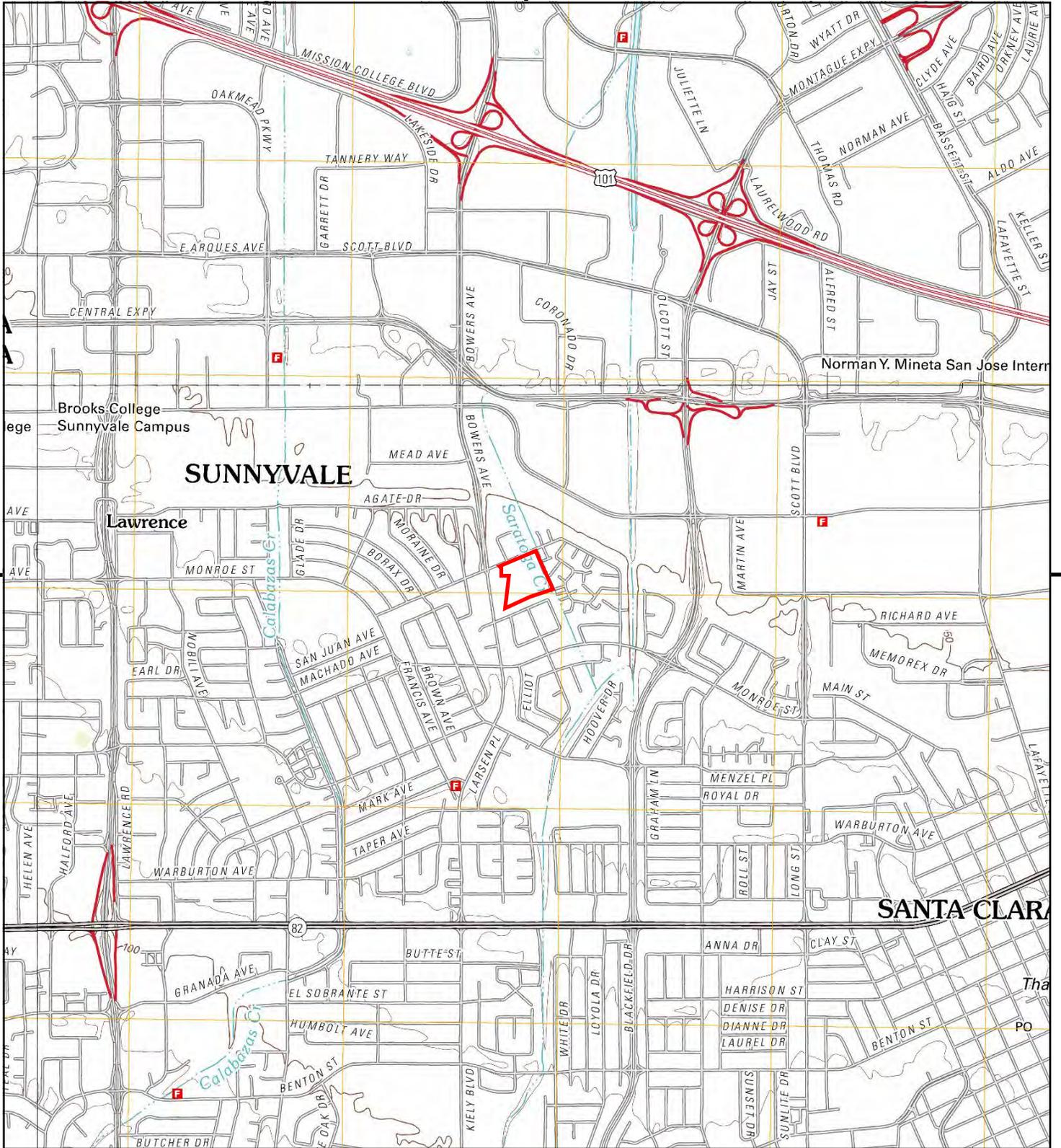
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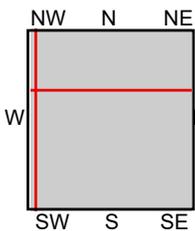
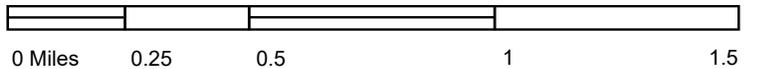
TP, San Jose West, 2015, 7.5-minute
 N, Milpitas, 2015, 7.5-minute
 SW, Cupertino, 2015, 7.5-minute
 NW, Mountain View, 2015, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
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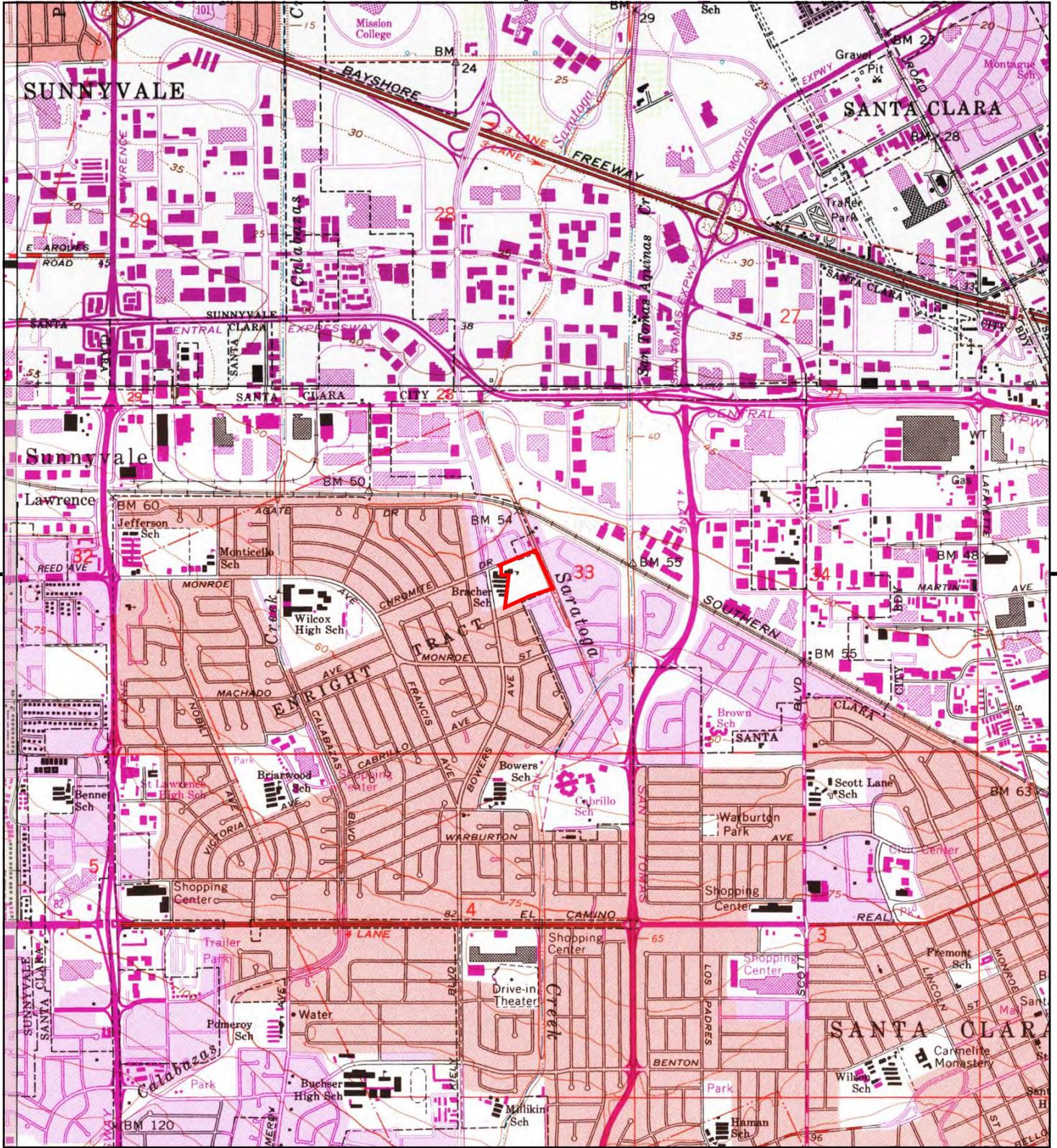
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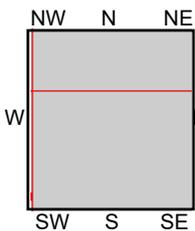
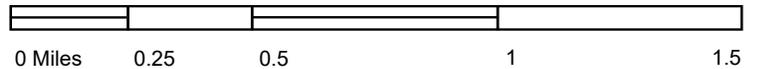
TP, San Jose West, 2012, 7.5-minute
 N, Milpitas, 2012, 7.5-minute
 SW, Cupertino, 2012, 7.5-minute
 NW, Mountain View, 2012, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
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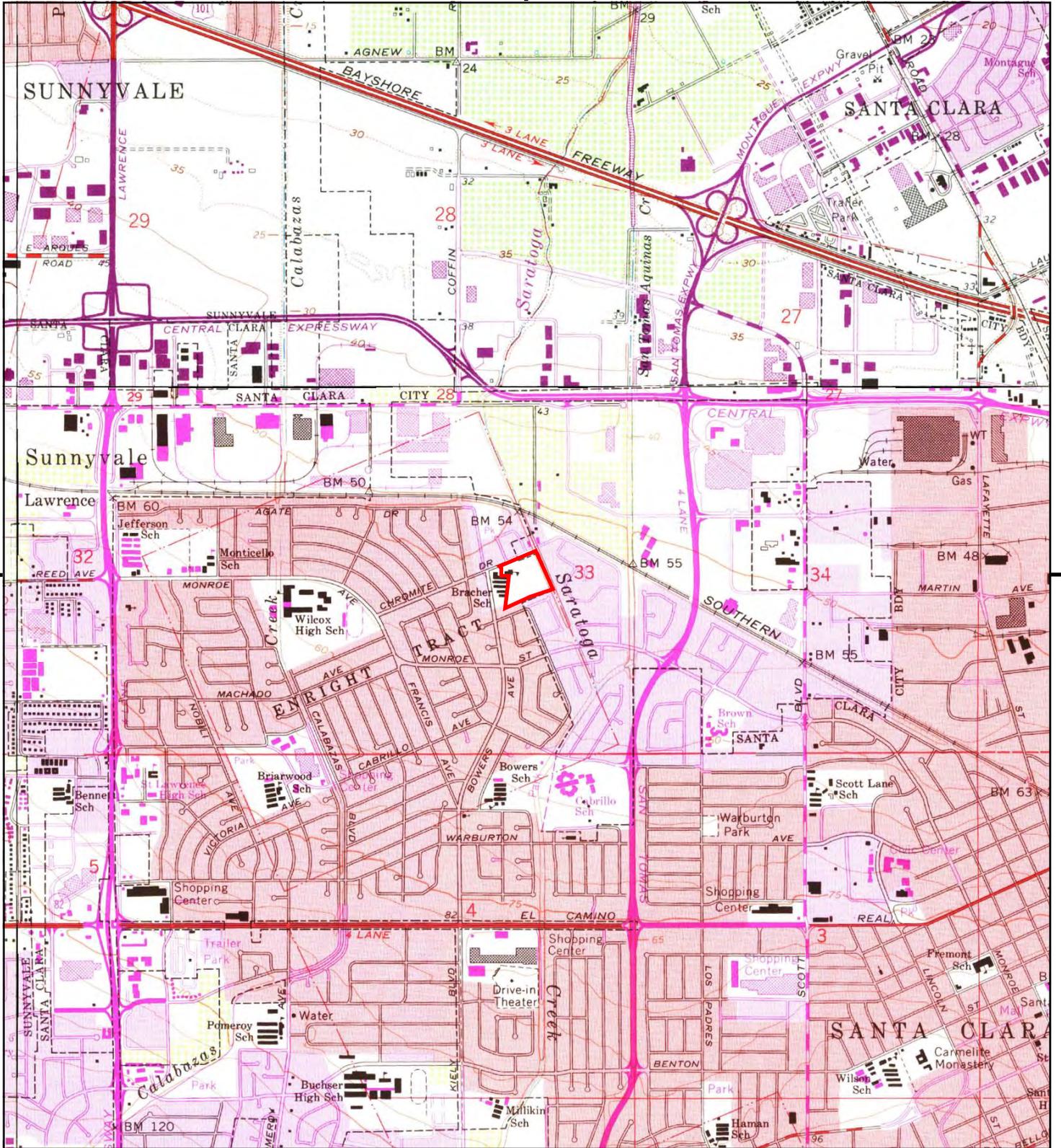
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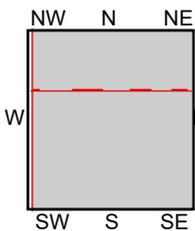
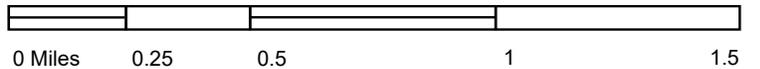
TP, San Jose West, 1980, 7.5-minute
 N, Milpitas, 1980, 7.5-minute
 SW, Cupertino, 1980, 7.5-minute
 NW, Mountain View, 1981, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
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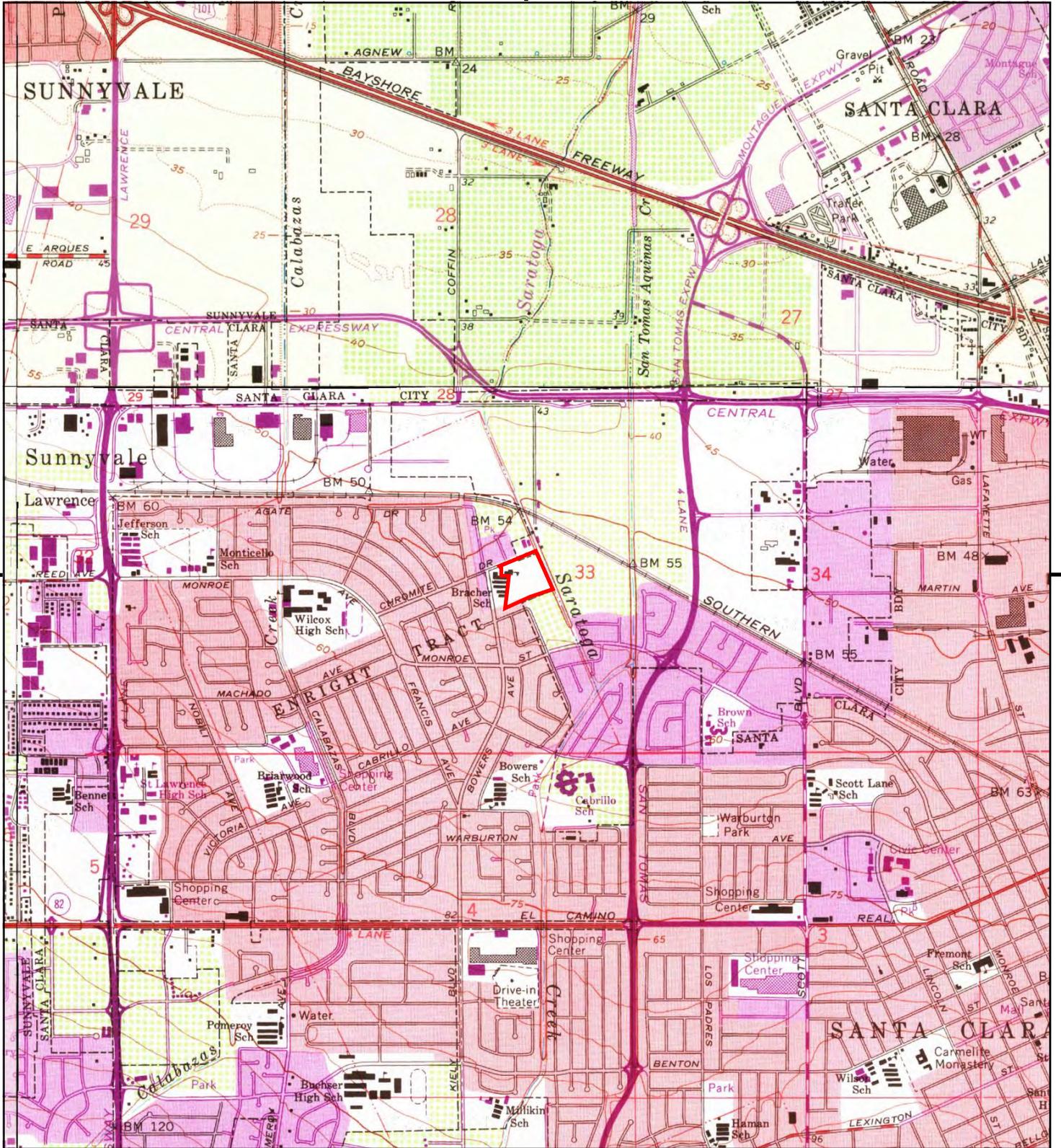
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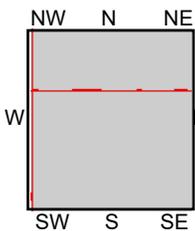
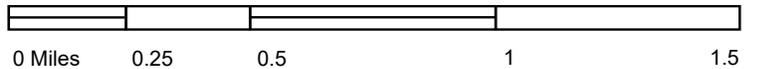
TP, San Jose West, 1973, 7.5-minute
 N, Milpitas, 1973, 7.5-minute
 SW, Cupertino, 1973, 7.5-minute
 NW, Mountain View, 1973, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
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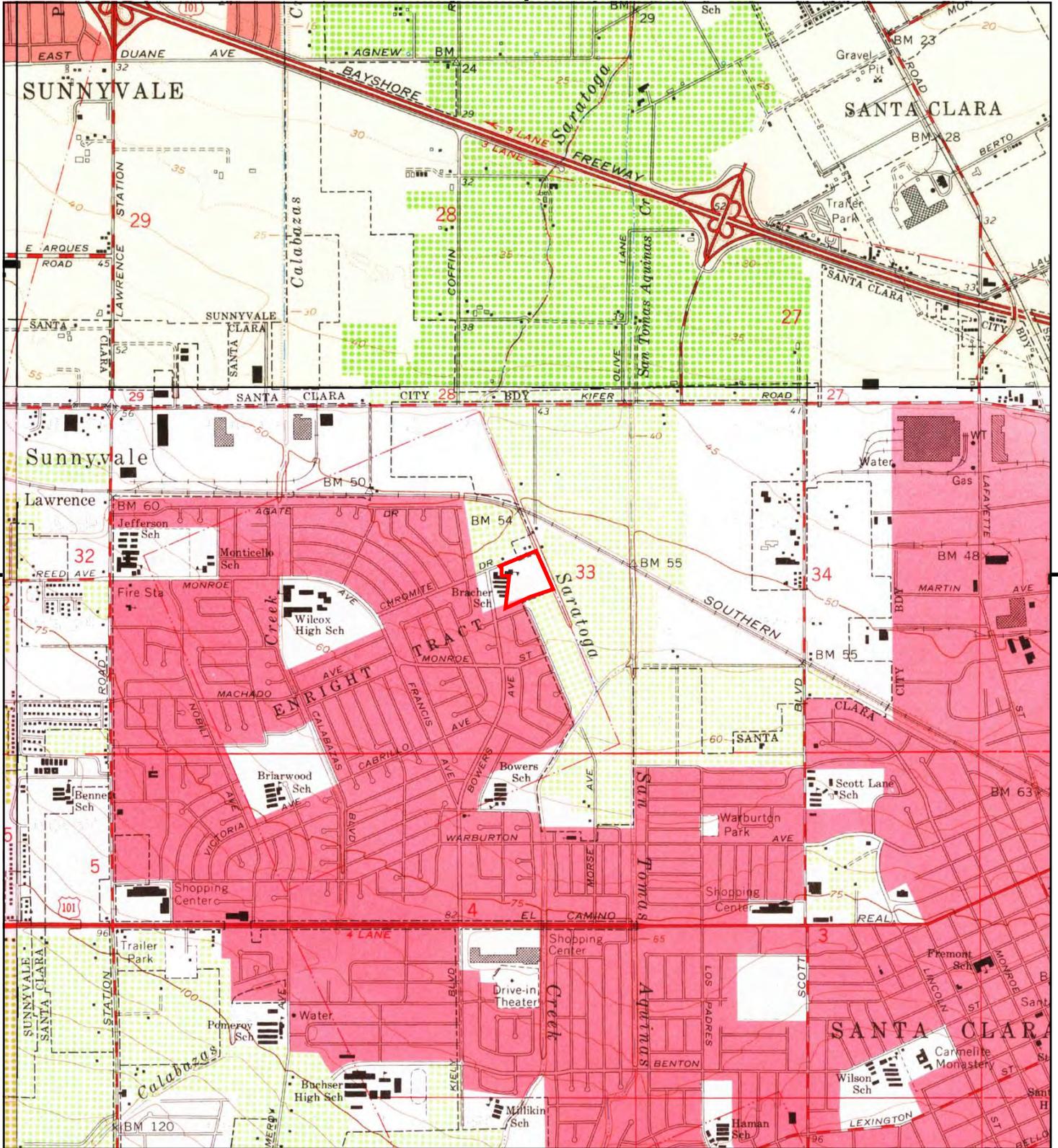
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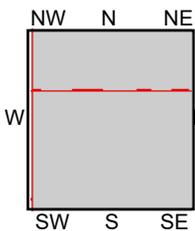
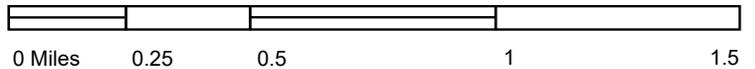
TP, San Jose West, 1968, 7.5-minute
 N, Milpitas, 1968, 7.5-minute
 SW, Cupertino, 1968, 7.5-minute
 NW, Mountain View, 1968, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
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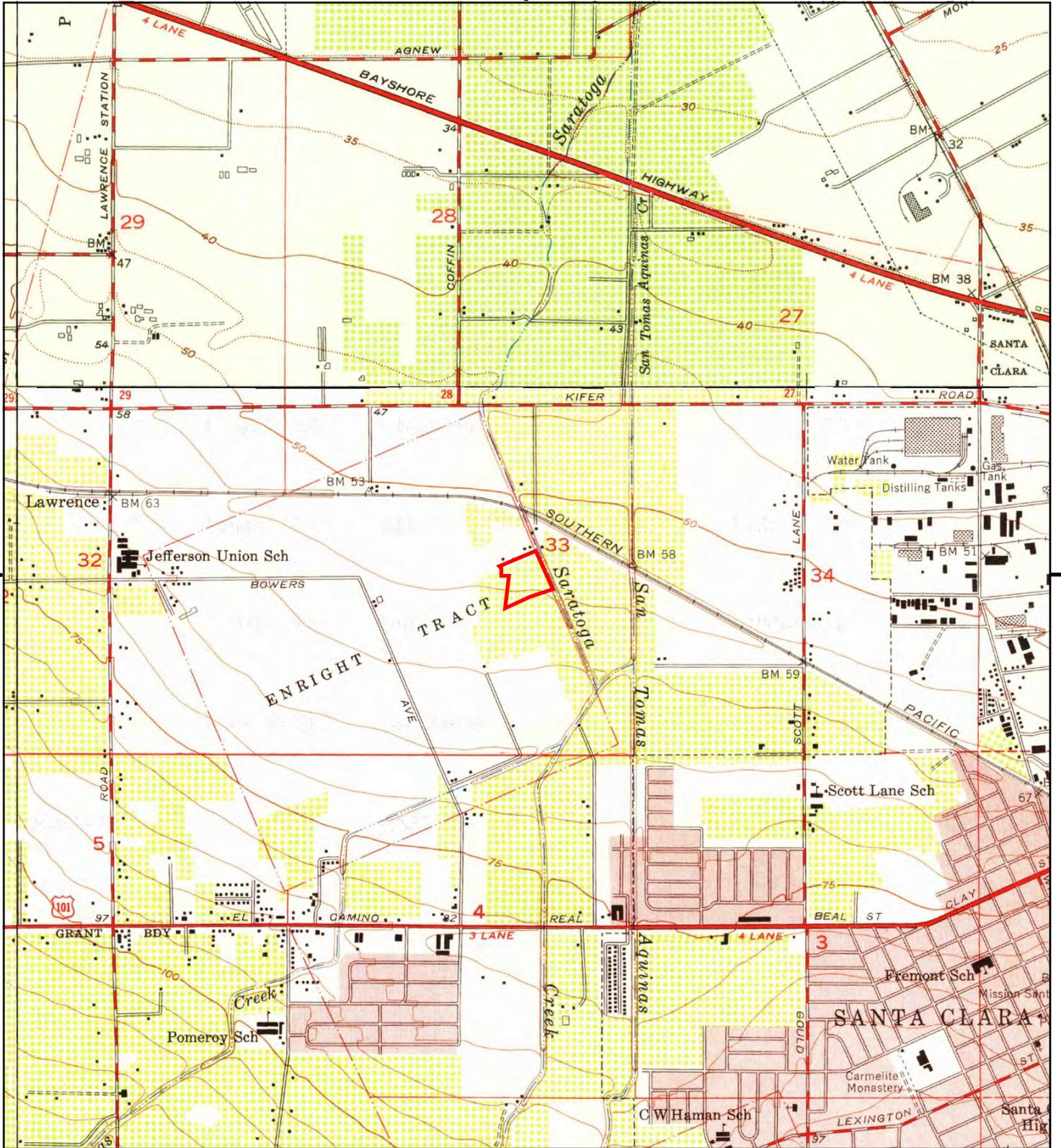
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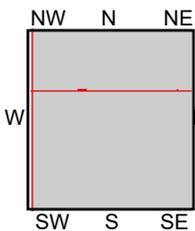
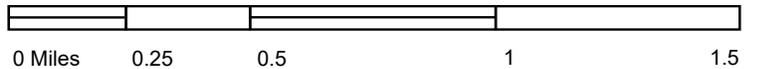
TP, San Jose West, 1961, 7.5-minute
 N, Milpitas, 1961, 7.5-minute
 SW, Cupertino, 1961, 7.5-minute
 NW, Mountain View, 1961, 7.5-minute

SITE NAME: Bracher Elementary School
 ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
 CLIENT: ARCADIS U.S., Inc.





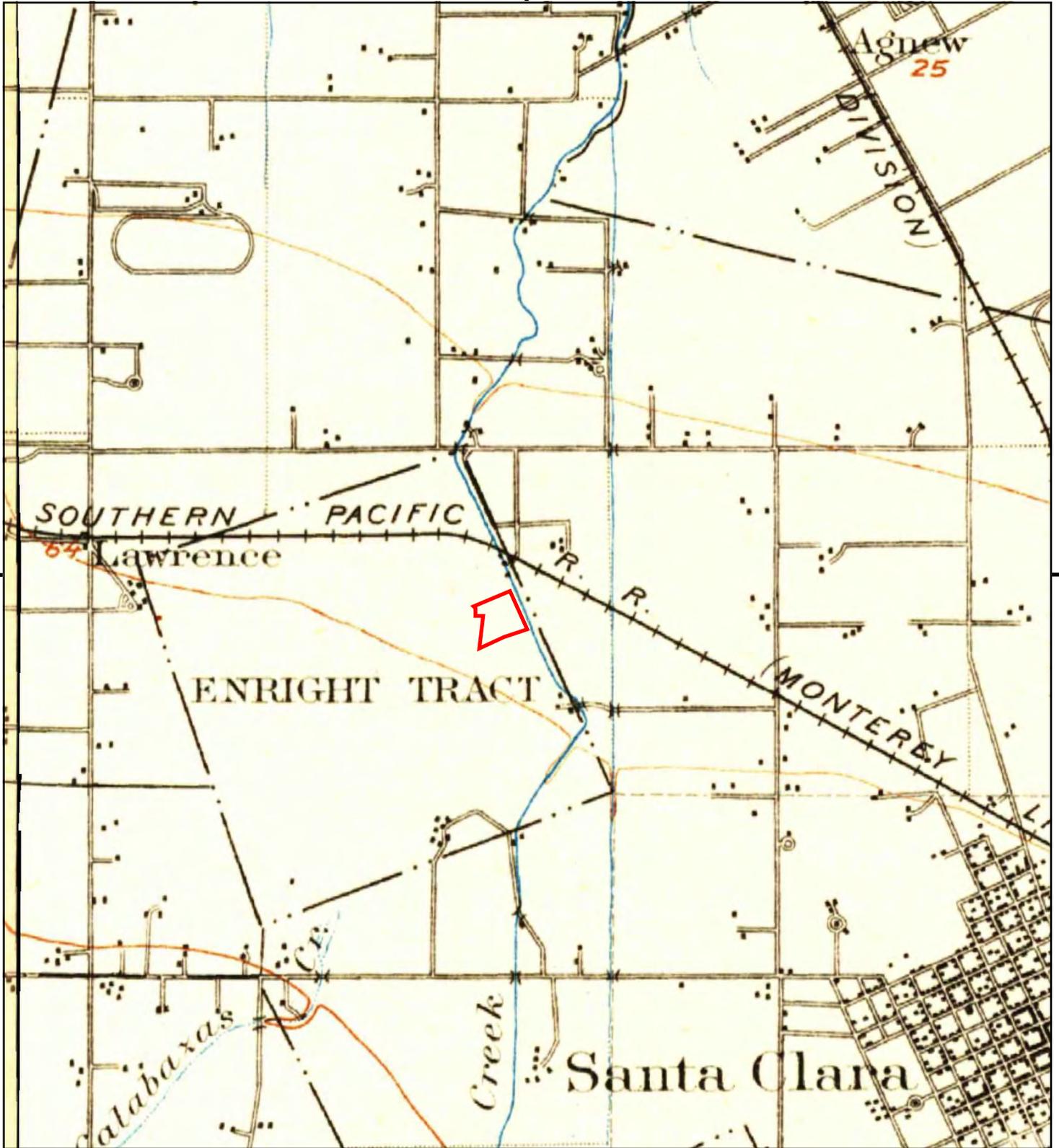
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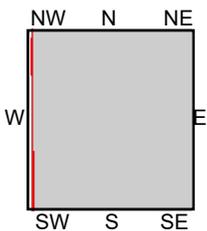
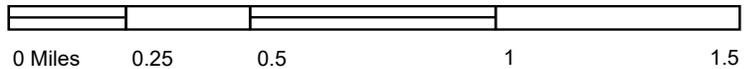
TP, San Jose West, 1953, 7.5-minute
 N, Milpitas, 1953, 7.5-minute
 SW, Cupertino, 1953, 7.5-minute
 NW, Mountain View, 1953, 7.5-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
CLIENT: ARCADIS U.S., Inc.





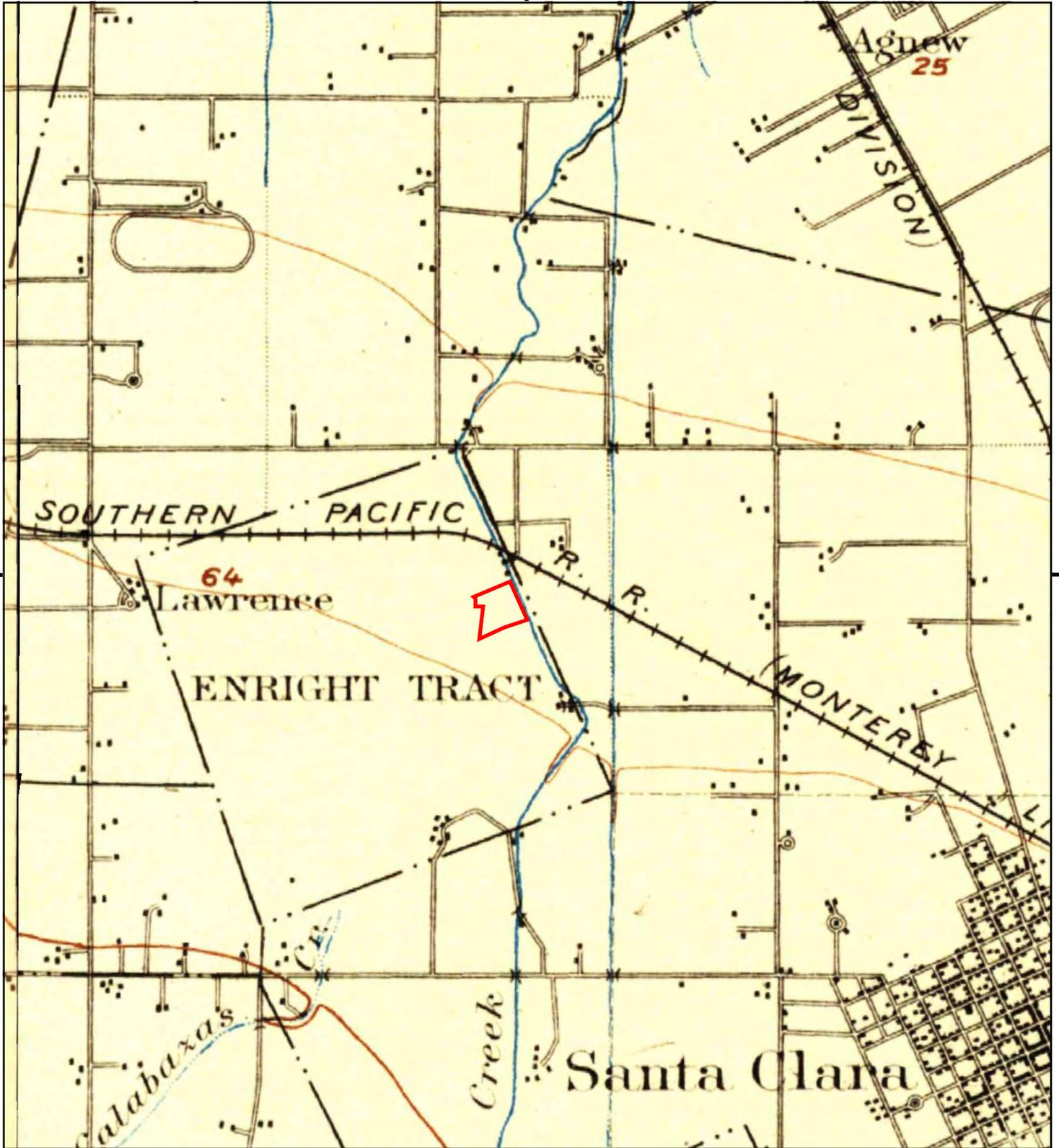
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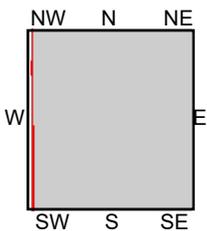
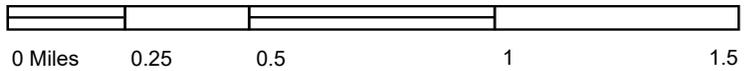
TP, San Jose, 1899, 15-minute
W, Palo Alto, 1899, 15-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
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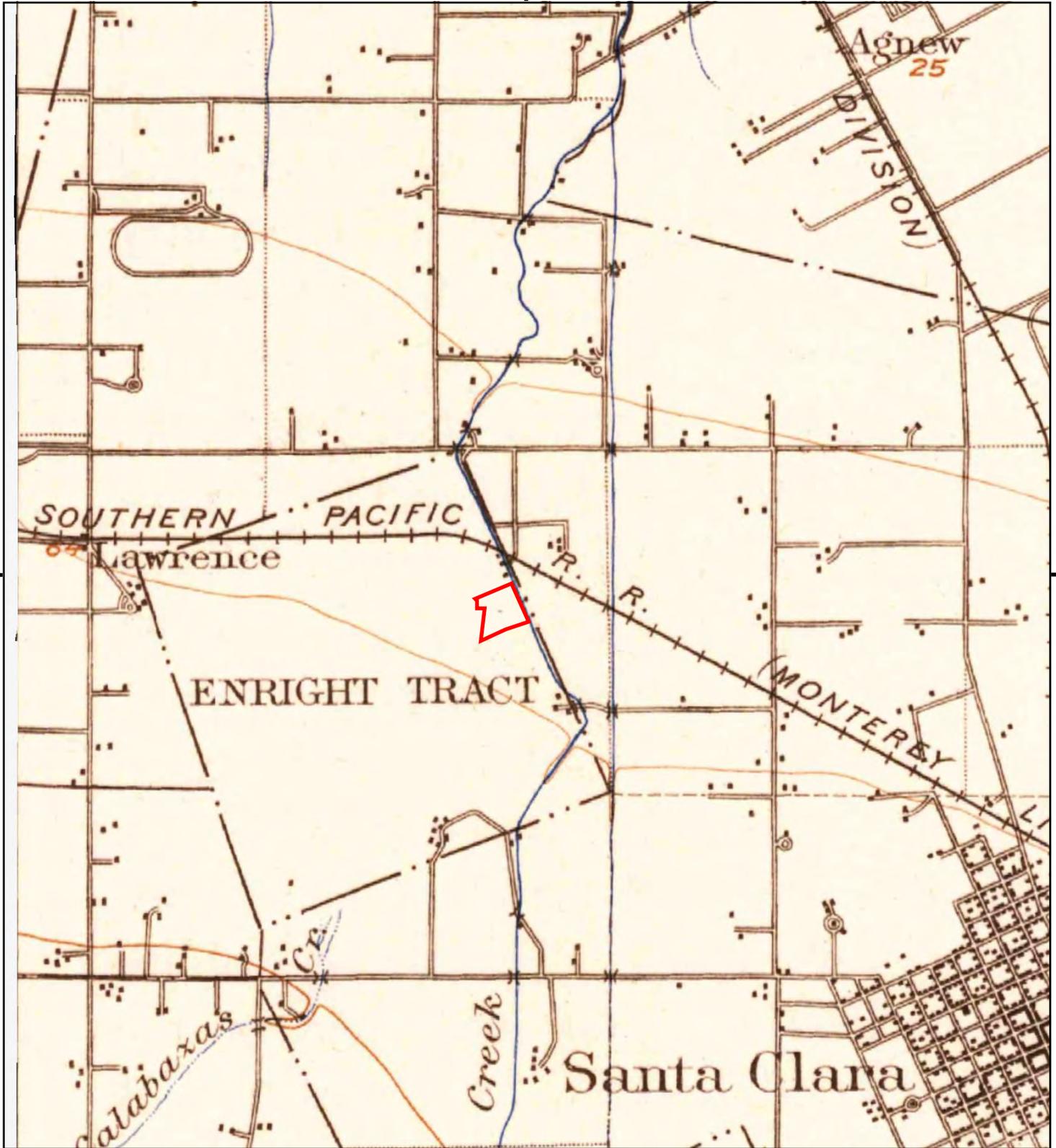
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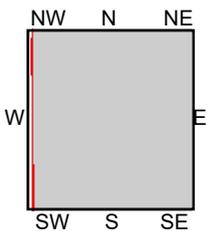
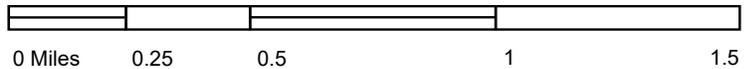
TP, San Jose, 1897, 15-minute
W, Palo Alto, 1897, 15-minute

SITE NAME: Bracher Elementary School
ADDRESS: 2700 Chromite Dr
Santa Clara, CA 95051
CLIENT: ARCADIS U.S., Inc.





This report includes information from the following map sheet(s).



TP, San Jose, 1889, 15-minute

SITE NAME: Bracher Elementary School
 ADDRESS: 2700 Chromite Dr
 Santa Clara, CA 95051
 CLIENT: ARCADIS U.S., Inc.



Bracher Elementary School

2700 Chromite Dr

Santa Clara, CA 95051

Inquiry Number: 7328595.3

May 05, 2023

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/05/23

Site Name:

Bracher Elementary School
2700 Chromite Dr
Santa Clara, CA 95051
EDR Inquiry # 7328595.3

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Divya Mehta



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Certified Sanborn Results:

Certification # E713-407B-84AC

PO # 30155229

Project 30155229

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: E713-407B-84AC

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- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Bracher Elementary School

2700 Chromite Dr

Santa Clara, CA 95051

Inquiry Number: 7328595.2s

May 05, 2023

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2700 CHROMITE DR
SANTA CLARA, CA 95051

COORDINATES

Latitude (North): 37.3670490 - 37° 22' 1.37"
Longitude (West): 121.9741810 - 121° 58' 27.05"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 590836.2
UTM Y (Meters): 4135881.0
Elevation: 54 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12021561 SAN JOSE WEST, CA
Version Date: 2018

North Map: 12008742 MILPITAS, CA
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140606
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
2700 CHROMITE DR
SANTA CLARA, CA 95051

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BRACHER ELEMENTARY	2700 CHROMITE	CA HAZNET, CA HWTS		TP
A2	SANTA CLARA USD/BRAC	2700 CHRONMITE DR	CA HAZNET, CA HWTS		TP
Reg	INTEL MAGNETICS	3000 OAKMEAD VILLAGE	NPL, SEMS, RCRA-SQG, US ENG CONTROLS, US INST...	Same	3130, 0.593, NNW
Reg	APPLIED MATERIALS	3050 BOWERS AVE	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	3660, 0.693, NNW
Reg	SYNERTEK, INC. (BUIL	3050 CORONADO BLVD	NPL, SEMS, RCRA-SQG, US ENG CONTROLS, US INST...	Same	3170, 0.600, North
B3	HAITAO CHENG	2625 BONNIE DRIVE	RCRA NonGen / NLR	Higher	61, 0.012, South
C4	CHOWTKUR, SRINIVAS	2584 KNIGHTSBRIDGE L	RCRA NonGen / NLR	Lower	87, 0.016, East
5	ALHAMBRA GARDEN APAR	2729 CHROMITE DR APT	CA DRYCLEANERS	Higher	113, 0.021, WNW
C6	KEN SCHMIDT	2580 KNIGHTSBRIDGE L	RCRA NonGen / NLR	Lower	140, 0.027, East
B7	CALIFORNIA COACH CLE	2654 BONNIE DR	EDR Hist Cleaner	Higher	202, 0.038, South
8	LINDA VERMILLION	2368 DUNDEE DRIVE	RCRA NonGen / NLR	Higher	282, 0.053, SSW
9	DOLLY KNITTER	2725 BONNIE DRIVE	RCRA NonGen / NLR	Higher	450, 0.085, SW
D10	REDWOOD TRAILS LLC	2326 QUINN DRIVE	RCRA NonGen / NLR	Higher	474, 0.090, South
11	NEAL GLEW	2465 MOSSWOOD LN	RCRA NonGen / NLR	Lower	497, 0.094, ESE
12	PILAR FERRER	2521 PALMDALE CT	RCRA NonGen / NLR	Higher	582, 0.110, ENE
E13	BARATAS SHELL	2523 GALLUP DR	EDR Hist Auto	Lower	633, 0.120, SE
E14	SANDRA DAILEY	2533 GALLUP DRIVE	RCRA NonGen / NLR	Lower	645, 0.122, SE
D15	SEUNGKYU OH	2632 TARTAN DRIVE	RCRA NonGen / NLR	Higher	682, 0.129, South
F16	VIDYA JIDDIMANI	2242 BOWERS AVENUE	RCRA NonGen / NLR	Higher	832, 0.158, SSW
17	GAYLE SCHULTZ	2459 LOMA VISTA LANE	RCRA NonGen / NLR	Higher	844, 0.160, East
G18	ARRIS TECHNOLOGY INC	2500 WALSH AVE	RCRA NonGen / NLR	Lower	942, 0.178, NNE
G19	SANTA CLARA	2500 WALSH AVE	CA CERS HAZ WASTE	Lower	942, 0.178, NNE
H20	DEEPA MANOJ	2550 MONROE STREET	RCRA NonGen / NLR	Higher	977, 0.185, SSE
G21	DPSS LASERS INC		PFAS ECHO	Lower	1010, 0.191, NNE
F22	PAUL SIGN	2730 MONROE STREET	RCRA NonGen / NLR	Higher	1024, 0.194, SSW
I23	INTERNATIONAL DIAGNO	2552 WALSH AVE.	RCRA-SQG, FINDS, ECHO	Lower	1024, 0.194, NNE
J24	HARRIS SEMICONDUCTOR	2450 WALSH AVE	RCRA-SQG, FINDS, ECHO	Lower	1031, 0.195, NE
J25	ARRIS GROUP INC	2450 WALSH AVE	RCRA NonGen / NLR	Lower	1031, 0.195, NE
I26	VANTAGE DATA CENTERS	2565 WALSH AVE	CA CERS TANKS, CA CERS	Lower	1040, 0.197, NNE
I27	VANTAGE DATA CENTERS	2565 WALSH AVE	CA AST	Lower	1040, 0.197, NNE
28	HUANG, THIEN	2780 MONROE STREET	RCRA NonGen / NLR	Higher	1095, 0.207, SSW
G29	M B C ENGINEERING#	2501 WALSH	RCRA-SQG, FINDS, ECHO	Lower	1102, 0.209, NE
G30	DPSS LASERS INC	2525 WALSH AVE	RCRA NonGen / NLR	Lower	1102, 0.209, NE
G31	DPSS LASERS, INC.	2525 WALSH AVE	CA CERS HAZ WASTE, CA CERS	Lower	1102, 0.209, NE
K32	MIASOLE HI-TECH	2590 WALSH AVE	RCRA-LQG	Lower	1119, 0.212, North
K33	MIASOLE	2590 WALSH AVE	RCRA-LQG, CA HAZNET, CA HWTS	Lower	1119, 0.212, North
K34	VANTAGE DATA CENTERS	2590 WALSH AVE	RCRA NonGen / NLR	Lower	1119, 0.212, North
K35	VANTAGE CA31	2590 WALSH AVENUE	CA CUPA Listings, CA NPDES, CA CIWQS, CA CERS	Lower	1119, 0.212, North
H36	LI, CYNTHIA	2553 ELLIOT STREET	RCRA NonGen / NLR	Higher	1125, 0.213, SSE

MAPPED SITES SUMMARY

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SANTA CLARA, CA 95051

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H37	CYNTHIA LI	2533 ELLIOT STREET	RCRA NonGen / NLR	Higher	1149, 0.218, SSE
J38	HANWHA	2424 WALSH AVE	RCRA-SQG, FINDS, ECHO	Lower	1178, 0.223, NE
J39	SILVER HORSE EQUITIE	2424 WALSH AVE	CA CUPA Listings, CA CERS	Lower	1178, 0.223, NE
40	TZYY, GEORGE	2345 SOUTH DRIVE	RCRA NonGen / NLR	Lower	1193, 0.226, ESE
J41	M B C ENGINEERING#		PFAS ECHO	Lower	1195, 0.226, NE
J42	SIGMAFORM CORP		PFAS ECHO	Lower	1200, 0.227, NE
K43	MIASOLE		PFAS ECHO	Lower	1201, 0.227, North
L44	MEMC ELECTRONIC MATE	2400 WALSH AV	CA CUPA Listings	Lower	1202, 0.228, ENE
L45	UNISIL CORP	2400 WALSH AVE	RCRA-SQG	Lower	1202, 0.228, ENE
L46	UNISIL CORP. - SANTA	2400 WALSH AVENUE	CA ENVIROSTOR, CA CHMIRS	Lower	1202, 0.228, ENE
J47	HANWHA		PFAS ECHO	Lower	1216, 0.230, NE
J48	CYXTERA COMMUNICATIO	2403 WALSH AVENUE	CA CERS TANKS, CA CERS	Lower	1246, 0.236, NE
J49	SAVVIS COMMUNICATION	2403 WALSH AVENUE	CA AST	Lower	1246, 0.236, NE
J50	SAVVIS, INC	2403 WALSH AVE	CA AST	Lower	1246, 0.236, NE
K51	VANTAGE CA31	2600 WALSH AVE	CA CERS TANKS, CA CERS	Lower	1308, 0.248, North
52	INTEL CORPORATION	2625 WALSH AVE	CA LUST, CA HIST LUST, CA Cortese, CA HIST...	Lower	1591, 0.301, North
53	VERSATEC INC	2805 BOWERS AVE	RCRA-SQG, CA CPS-SLIC, CA HAZNET, CA CERS, CA HWTS	Lower	1809, 0.343, NNW
M54	INTEL	2880 NORTHWESTERN	CA ENVIROSTOR, CA CPS-SLIC, CA CERS TANKS, CA...	Lower	2080, 0.394, NNE
M55	INTEL CORP. (SANTA C	2880 NORTHWESTERN PK	Delisted NPL, SEMS, RCRA-SQG, US ENG CONTROLS, US...	Lower	2080, 0.394, NNE
M56	INTEL CORPORATION (S	2880 NORTHWESTERN PK	CA HIST Cal-Sites, CA HIST UST, CA EMI	Lower	2080, 0.394, NNE
57	MERIT SENSOR SYSTEMS	2330 WALSH AVENUE	CA ENVIROSTOR	Lower	2093, 0.396, ENE
M58	SOLYNDRA INC	2895 NORTHWESTERN PK	CA CPS-SLIC, CA HAZNET, CA CERS, CA HWTS	Lower	2129, 0.403, NNE
59	2330 MONROE STREET A	2330 MONROE STREET	CA ENVIROSTOR, CA VCP, CA NPDES, CA CIWQS, CA CERS	Higher	2474, 0.469, ESE
60	PACIFIC MAINTENENCE	2294 WALSH AVE	CA LUST, CA HIST LUST, CA CERS HAZ WASTE, CA...	Lower	2503, 0.474, ENE
61	FAYETTE PROPERTIES	111 URANIUM DR	CA LUST, CA HIST LUST, CA Cortese, CA HIST...	Lower	2576, 0.488, WNW
N62	ELECTROGLAS	2901-3001 CORONADO D	CA CPS-SLIC, CA CERS	Lower	2623, 0.497, North
63	SPECTRA, INC.	2230 MARTIN AVENUE	CA ENVIROSTOR	Higher	2657, 0.503, East
N64	SYNERTEK	STENDER WAY AND CORO	CA BOND EXP. PLAN	Lower	2693, 0.510, North
N65	TOPPAN PHOTOMASKS, I	2970 CORONADO DRIVE	RCRA-LQG, CA ENVIROSTOR, FINDS	Lower	2715, 0.514, North
66	TWIN SOLUTIONS, LLC	2940 KIFER ROAD	CA ENVIROSTOR	Lower	2739, 0.519, NW
67	MICRO CHEM, INC. - O	2986 OAKMEAD VILLAGE	CA ENVIROSTOR, CA CPS-SLIC, CA DEED, CA Cortese,...	Lower	3231, 0.612, NW
68	INTEL CORP. SC #1&2	3065 BOWERS AVENUE	CA ENVIROSTOR, CA HIST UST, CA CIWQS	Lower	3295, 0.624, NNW
O69	3050 CORONADO, SYNER	3050 CORONADO	CA ENVIROSTOR, CA CPS-SLIC, CA HIST Cal-Sites, CA...	Lower	3356, 0.636, North
P70	SARATOGA GAP MAINTEN	3025 STENDER	CA ENVIROSTOR, CA EMI, CA HIST CORTESE	Lower	3417, 0.647, NNE
P71	INTEGRATED DEVICE TE	3001 STENDER WAY	CA ENVIROSTOR, CA CPS-SLIC, CA Cortese, CA EMI, CA...	Lower	3420, 0.648, NNE
Q72	MEMTECH TECHNOLOGY C	3000 OAKMEAD VILLAGE	CA ENVIROSTOR, CA EMI	Lower	3429, 0.649, NNW
Q73	INTEL CORPORATION -	3000 OAKMEAD VILLAGE	CA BOND EXP. PLAN	Lower	3429, 0.649, NNW
R74	BAYDAY CHEMICAL	2096-B WALSH AVE	CA ENVIROSTOR, CA HWP	Lower	3502, 0.663, ENE
R75	BAYDAY CHEM	2102 WALSH AVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA NonGen /...	Lower	3502, 0.663, ENE

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Target Property Address:
2700 CHROMITE DR
SANTA CLARA, CA 95051

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O76	APPLIED MATERIALS, I	3111 CORONADO DRIVE	CA ENVIROSTOR	Lower	3563, 0.675, North
77	CHIP EXPRESS CORP.	2323 OWEN STREET	CA ENVIROSTOR	Lower	3599, 0.682, NNE
78	ADVANCE CIRCUIT SERV	3150 CORONADO DRIVE	CA ENVIROSTOR	Lower	3781, 0.716, North
S79	KAWATEC	3030/3040 OLCOTT ST	CA ENVIROSTOR, CA HIST CORTESE	Lower	3801, 0.720, NNE
S80	UNISIL CORP.	3030/3040 OLCOTT STR	CA ENVIROSTOR	Lower	3801, 0.720, NNE
81	APPLE INC	3250 SCOTT BLVD	CA ENVIROSTOR, RCRA NonGen / NLR, CA WDS, CA CIWQSLower	Lower	3905, 0.740, North
82	SANMINA PLANT 3	2539 SCOTT BLVD.	RCRA-SQG, CA ENVIROSTOR, ICIS, FINDS, ECHO, CA...	Lower	3922, 0.743, East
83	SANMINA CORPORATION	1881 MARTIN AVE	CA ENVIROSTOR, CA CPS-SLIC	Lower	4062, 0.769, East
84	CENTRAL EXPRESSWAY A	CENTRAL EXPRESSWAY &	CA ENVIROSTOR, CA CPS-SLIC	Lower	4174, 0.791, NNW
T85	HUNTER PCB	3305 KIFER ROAD	CA ENVIROSTOR, CA CUPA Listings, CA EMI, CA NPDES,...	Lower	4209, 0.797, NW
86	3280 SCOTT AT THE SQ	3200 CORONADO DRIVE	CA ENVIROSTOR, CA VCP, CA HAZNET, CA HWTS	Lower	4210, 0.797, North
U87	APPLIED-3050 BOWERS	3050 BOWERS	CA ENVIROSTOR, CA CPS-SLIC, CA HIST Cal-Sites, CA...	Lower	4261, 0.807, NNW
U88	APPLIED MATERIALS	3050 BOWERS AVENUE	CA BOND EXP. PLAN, CA EMI	Lower	4261, 0.807, NNW
T89	SIGNETICS CORP	1380 KIFER RD	CA HWP, CA CERS	Lower	4306, 0.816, WNW
V90	AMEX PLATING INC	1849 WALSH AVE	RCRA-SQG, CA ENVIROSTOR, FINDS, ECHO, CA HAZNET,...	Lower	4346, 0.823, ENE
91	SANTA CLARA SQUARE A	3255 SCOTT BOULEVARD	CA ENVIROSTOR, CA VCP, CA DEED	Lower	4353, 0.824, North
V92	THERMIONICS LABORATO	1815 WALSH AVE	RCRA-SQG, CA ENVIROSTOR, CA HAZNET, CA HWTS	Lower	4385, 0.830, ENE
93	HEWLETT PACKARD (AVA	3175 BOWERS AVE	SEMS-ARCHIVE, RCRA-SQG, CA ENVIROSTOR, CA LUST, CA...	Lower	4387, 0.831, NNW
W94	ZETA LABORATORIES IN	3265 SCOTT BLVD	SEMS-ARCHIVE, CORRACTS, RCRA-SQG, FINDS, ECHO	Lower	4436, 0.840, North
W95	ZETA LABORATORIES IN	3265 SCOTT BLVD	CA ENVIROSTOR, CA HIST UST, CA HWP, CA NPDES, CA...	Lower	4436, 0.840, North
96	BROTHERS UNION INTER	2964 CORVIN DR	RCRA-SQG, CA ENVIROSTOR, CA CPS-SLIC, FINDS, ECHO,...	Lower	4533, 0.859, NW
97	APPLIED KOMATSU TECH	3101 SCOTT BOULEVARD	CA ENVIROSTOR, CA WDS	Lower	4695, 0.889, NE
98	ZEP MANUFACTURING CO	2970 CORVIN DRIVE	CA ENVIROSTOR, CA CPS-SLIC, CA CHMIRS	Lower	4710, 0.892, NW
99	EXCELICS SEMICONDUCT	2908 SCOTT BOULEVARD	CA ENVIROSTOR, CA EMI, CA WDS, CA CERS	Lower	4809, 0.911, NE
100	BOISE CASCADE CORP	1290 KIFER	CA ENVIROSTOR, CA LUST, CA CPS-SLIC, CA EMI, CA...	Lower	4898, 0.928, WNW
X101	TELEDYNE WIRELESS IN	3251 OLCOTT ST	SEMS-ARCHIVE, CORRACTS, RCRA-SQG, FINDS, ECHO, CA...	Lower	5025, 0.952, NNE
X102	FILTRONIC COMPOUND S	3251 OLCOTT ST	CA ENVIROSTOR, CA HIST UST	Lower	5025, 0.952, NNE
Y103	EXCEL CIRCUITS	1415 RICHARD AVENUE	CA ENVIROSTOR, CA CHMIRS	Lower	5052, 0.957, East
104	LOMBARDI SHELL SERVI	2540 EL CAMINO REAL	CA Notify 65	Higher	5062, 0.959, South
105	VARIAN ASSOCIAT CS/	3100 JAY STREET	CA ENVIROSTOR, CA CPS-SLIC, CA HIST UST, CA...	Lower	5074, 0.961, NE
106	MPI-3333 SCOTT BLVD	3333 SCOTT	CA ENVIROSTOR, CA CPS-SLIC, CA DEED, CA Cortese,...	Lower	5078, 0.962, NNW
107	UNISYS RIGID MEDIA C	1500 MEMOREX DRIVE	CA ENVIROSTOR, CA CPS-SLIC, CA HIST UST, CA CERS	Higher	5133, 0.972, ESE
Z108	EQUITY OFFICE PROPER	2620 AUGUSTINE DR	CA ENVIROSTOR, CA VCP, CA DEED, CA HAZNET, CA HWTS...	Lower	5136, 0.973, North
Y109	PYRAMID CIRCUITS, IN	1405 RICHARD AVENUE	RCRA-SQG, CA ENVIROSTOR, CA HIST UST, EPA WATCH...	Lower	5146, 0.975, East
Y110	SWIFT METAL FINISHIN	1161 RICHARD AVENUE	RCRA-LQG, CA ENVIROSTOR, FINDS, ECHO, CA NPDES, CA...	Lower	5221, 0.989, East
111	SANTA CLARA SQUARE O	2525 AUGUSTINE DRIVE	CA ENVIROSTOR, CA VCP, CA DEED, CA HAZNET, CA HWTS...	Lower	5265, 0.997, North
Z112	SANTA CLARA TECHNOLO	2685 AUGUSTINE DRIVE	CA ENVIROSTOR, CA VCP, CA DEED	Lower	5271, 0.998, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BRACHER ELEMENTARY 2700 CHROMITE SANTA CLARA, CA 95051	CA HAZNET GEPaid: CAC002553089 CA HWTS	N/A
SANTA CLARA USD/BRAC 2700 CHRONMITE DR SANTA CLARA, CA 95051	CA HAZNET GEPaid: CAC002361855 CA HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing

Lists of Federal RCRA generators

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

CA RESPONSE..... State Response Sites

EXECUTIVE SUMMARY

Lists of state and tribal landfills and solid waste disposal facilities

CA SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

CA UST..... Active UST Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

CA BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT..... Waste Management Unit Database

CA SWRCY..... Recycler Database

CA HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CA SCH..... School Property Evaluation Program

CA CDL..... Clandestine Drug Labs

CA Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA SWEEPS UST..... SWEEPS UST Listing

CA FID UST..... Facility Inventory Database

Local Land Records

CA LIENS..... Environmental Liens Listing

EXECUTIVE SUMMARY

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CA LDS..... Land Disposal Sites Listing
CA MCS..... Military Cleanup Sites Listing
CA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PADS..... PCB Activity Database System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM..... EPA Fuels Program Registered Listing
PFAS NPL..... Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES..... Federal Sites PFAS Information
PFAS TSCA..... PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST..... PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR..... PFAS Contamination Site Location Listing
PFAS WQP..... Ambient Environmental Sampling for PFAS
PFAS NPDES..... Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING..... Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT..... All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC..... Aqueous Foam Related Incidents Listing
CA PFAS..... PFAS Contamination Site Location Listing
CA AQUEOUS FOAM..... Former Fire Training Facility Assessments Listing
CA Financial Assurance..... Financial Assurance Information Listing
CA ICE..... ICE

EXECUTIVE SUMMARY

CA HWT.....	Registered Hazardous Waste Transporter Database
CA MINES.....	Mines Site Location Listing
CA MWMP.....	Medical Waste Management Program Listing
CA PEST LIC.....	Pesticide Regulation Licenses Listing
CA PROC.....	Certified Processors Database
CA HAZMAT.....	Hazardous Material Facilities
CA UIC.....	UIC Listing
CA UIC GEO.....	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS.....	Oil Wastewater Pits Listing
CA WIP.....	Well Investigation Program Case List
CA MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT.....	PROJECT (GEOTRACKER)
CA WDR.....	Waste Discharge Requirements Listing
CA OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

EXECUTIVE SUMMARY

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/25/2023 has revealed that there are 3 NPL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL MAGNETICS Cerclis ID:: 901661 EPA Id: CAD092212497	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.593 mi.)	0	13
APPLIED MATERIALS Cerclis ID:: 901344 EPA Id: CAD042728840	3050 BOWERS AVE	NNW 1/2 - 1 (0.693 mi.)	0	31
SYNERTEK, INC. (BUIL Cerclis ID:: 902620 EPA Id: CAD990832735	3050 CORONADO BLVD	N 1/2 - 1 (0.600 mi.)	0	64

Lists of Federal Delisted NPL sites

Delisted NPL: The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

A review of the Delisted NPL list, as provided by EDR, and dated 01/25/2023 has revealed that there is 1 Delisted NPL site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORP. (SANTA C EPA ID:: CAT000612184 Site ID:: 902632	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M55	246

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 01/25/2023 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORP. (SANTA C	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M55	246

EXECUTIVE SUMMARY

Site ID: 0902632
EPA Id: CAT000612184

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/06/2023 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAYDAY CHEM EPA ID:: CAT080012263	2102 WALSH AVE	ENE 1/2 - 1 (0.663 mi.)	R75	355
ZETA LABORATORIES IN EPA ID:: CAD049233570	3265 SCOTT BLVD	N 1/2 - 1 (0.840 mi.)	W94	541
TELEDYNE WIRELESS IN EPA ID:: CAT000625392	3251 OLCOTT ST	NNE 1/2 - 1 (0.952 mi.)	X101	582

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIASOLE HI-TECH EPA ID:: CAR000003947	2590 WALSH AVE	N 1/8 - 1/4 (0.212 mi.)	K32	147
MIASOLE EPA ID:: CAL000307123	2590 WALSH AVE	N 1/8 - 1/4 (0.212 mi.)	K33	153

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 5

EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTERNATIONAL DIAGNO EPA ID:: CAD069121572	2552 WALSH AVE.	NNE 1/8 - 1/4 (0.194 mi.)	I23	122
HARRIS SEMICONDUCTOR EPA ID:: CAD982520652	2450 WALSH AVE	NE 1/8 - 1/4 (0.195 mi.)	J24	125
M B C ENGINEERING# EPA ID:: CAD049226897	2501 WALSH	NE 1/8 - 1/4 (0.209 mi.)	G29	135
HANWHA EPA ID:: CAD087016085	2424 WALSH AVE	NE 1/8 - 1/4 (0.223 mi.)	J38	186
UNISIL CORP EPA ID:: CAD982499642	2400 WALSH AVE	ENE 1/8 - 1/4 (0.228 mi.)	L45	204

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/20/2023 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORP. (SANTA C EPA ID:: CAT000612184 EPA ID:: CAT000612184	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M55	246

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/20/2023 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORP. (SANTA C EPA ID:: CAT000612184	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M55	246

Lists of state- and tribal hazardous waste facilities

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information

EXECUTIVE SUMMARY

that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 01/23/2023 has revealed that there are 46 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2330 MONROE STREET A Facility Id: 60002982 Status: Active	2330 MONROE STREET	ESE 1/4 - 1/2 (0.469 mi.)	59	275
SPECTRA, INC. Facility Id: 71003754 Status: Inactive - Needs Evaluation	2230 MARTIN AVENUE	E 1/2 - 1 (0.503 mi.)	63	297
UNISYS RIGID MEDIA C Facility Id: 43360097 Status: Refer: RWQCB	1500 MEMOREX DRIVE	ESE 1/2 - 1 (0.972 mi.)	107	661
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNISIL CORP. - SANTA Facility Id: 71003090 Status: Inactive - Needs Evaluation	2400 WALSH AVENUE	ENE 1/8 - 1/4 (0.228 mi.)	L46	208
INTEL Facility Id: 71003489 Facility Id: 43350085 Status: Refer: EPA Status: Refer: RWQCB	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231
MERIT SENSOR SYSTEMS Facility Id: 71003753 Status: Inactive - Needs Evaluation	2330 WALSH AVENUE	ENE 1/4 - 1/2 (0.396 mi.)	57	265
TOPPAN PHOTOMASKS, I Facility Id: 71002120 Status: Inactive - Needs Evaluation	2970 CORONADO DRIVE	N 1/2 - 1 (0.514 mi.)	N65	299
TWIN SOLUTIONS, LLC Facility Id: 71003479 Status: Inactive - Needs Evaluation	2940 KIFER ROAD	NW 1/2 - 1 (0.519 mi.)	66	305
MICRO CHEM, INC. - O Facility Id: 71003022 Status: No Further Action	2986 OAKMEAD VILLAGE	NW 1/2 - 1 (0.612 mi.)	67	306
INTEL CORP. SC #1&2 Facility Id: 71002421 Status: Inactive - Needs Evaluation	3065 BOWERS AVENUE	NNW 1/2 - 1 (0.624 mi.)	68	319
3050 CORONADO, SYNER Facility Id: 43990002 Facility Id: 60001754 Status: Refer: RWQCB	3050 CORONADO	N 1/2 - 1 (0.636 mi.)	O69	322
SARATOGA GAP MAINTEN Facility Id: 71002579	3025 STENDER	NNE 1/2 - 1 (0.647 mi.)	P70	342

EXECUTIVE SUMMARY

Status: Inactive - Needs Evaluation				
INTEGRATED DEVICE TE	3001 STENDER WAY	NNE 1/2 - 1 (0.648 mi.)	P71	343
Facility Id: 43360137				
Facility Id: 71003053				
Status: Refer: RWQCB				
MEMTECH TECHNOLOGY C	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.649 mi.)	Q72	349
Facility Id: 43350086				
Status: Refer: RWQCB				
BAYDAY CHEMICAL	2096-B WALSH AVE	ENE 1/2 - 1 (0.663 mi.)	R74	351
Facility Id: 80001838				
Status: No Further Action				
APPLIED MATERIALS, I	3111 CORONADO DRIVE	N 1/2 - 1 (0.675 mi.)	O76	366
Facility Id: 71003346				
Status: Inactive - Needs Evaluation				
CHIP EXPRESS CORP.	2323 OWEN STREET	NNE 1/2 - 1 (0.682 mi.)	77	367
Facility Id: 71003368				
Status: Inactive - Needs Evaluation				
ADVANCE CIRCUIT SERV	3150 CORONADO DRIVE	N 1/2 - 1 (0.716 mi.)	78	368
Facility Id: 71003010				
Status: Inactive - Needs Evaluation				
KAWATEC	3030/3040 OLCOTT ST	NNE 1/2 - 1 (0.720 mi.)	S79	369
Facility Id: 43280135				
Status: Refer: RWQCB				
UNISIL CORP.	3030/3040 OLCOTT STR	NNE 1/2 - 1 (0.720 mi.)	S80	372
Facility Id: 71003545				
Status: Inactive - Needs Evaluation				
APPLE INC	3250 SCOTT BLVD	N 1/2 - 1 (0.740 mi.)	81	373
Facility Id: 71003503				
Status: Inactive - Needs Evaluation				
SANMINA PLANT 3	2539 SCOTT BLVD.	E 1/2 - 1 (0.743 mi.)	82	383
Facility Id: 71003041				
Status: Inactive - Needs Evaluation				
SANMINA CORPORATION	1881 MARTIN AVE	E 1/2 - 1 (0.769 mi.)	83	433
Facility Id: 43360007				
Status: Refer: RWQCB				
CENTRAL EXPRESSWAY A	CENTRAL EXPRESSWAY &	NNW 1/2 - 1 (0.791 mi.)	84	435
Facility Id: 43360103				
Status: Refer: RWQCB				
HUNTER PCB	3305 KIFER ROAD	NW 1/2 - 1 (0.797 mi.)	T85	437
Facility Id: 71002738				
Status: Refer: Local Agency				
3280 SCOTT AT THE SQ	3200 CORONADO DRIVE	N 1/2 - 1 (0.797 mi.)	86	447
Facility Id: 60002319				
Status: Active				
APPLIED-3050 BOWERS	3050 BOWERS	NNW 1/2 - 1 (0.807 mi.)	U87	458
Facility Id: 43360090				
Facility Id: 71002384				
Status: Refer: EPA				
AMEX PLATING INC	1849 WALSH AVE	ENE 1/2 - 1 (0.823 mi.)	V90	485

EXECUTIVE SUMMARY

Facility Id: 71002800				
Status: Inactive - Needs Evaluation				
SANTA CLARA SQUARE A	3255 SCOTT BOULEVARD	N 1/2 - 1 (0.824 mi.)	91	493
Facility Id: 60002212				
Status: Certified O&M - Land Use Restrictions Only				
THERMIONICS LABORATO	1815 WALSH AVE	ENE 1/2 - 1 (0.830 mi.)	V92	508
Facility Id: 71002670				
Status: Inactive - Needs Evaluation				
HEWLETT PACKARD (AVA	3175 BOWERS AVE	NNW 1/2 - 1 (0.831 mi.)	93	515
Facility Id: 43360071				
Facility Id: 71002288				
Status: Refer: RWQCB				
Status: Refer: Other Agency				
ZETA LABORATORIES IN	3265 SCOTT BLVD	N 1/2 - 1 (0.840 mi.)	W95	547
Facility Id: 80001402				
Status: No Further Action				
BROTHERS UNION INTER	2964 CORVIN DR	NW 1/2 - 1 (0.859 mi.)	96	554
Facility Id: 71002687				
Status: Inactive - Needs Evaluation				
APPLIED KOMATSU TECH	3101 SCOTT BOULEVARD	NE 1/2 - 1 (0.889 mi.)	97	563
Facility Id: 71003585				
Status: Refer: RWQCB				
ZEP MANUFACTURING CO	2970 CORVIN DRIVE	NW 1/2 - 1 (0.892 mi.)	98	565
Facility Id: 43280127				
Status: Refer: RWQCB				
EXCELICS SEMICONDUCT	2908 SCOTT BOULEVARD	NE 1/2 - 1 (0.911 mi.)	99	569
Facility Id: 71003744				
Status: Inactive - Needs Evaluation				
BOISE CASCADE CORP	1290 KIFER	WNW 1/2 - 1 (0.928 mi.)	100	575
Facility Id: 71003013				
Status: Inactive - Needs Evaluation				
FILTRONIC COMPOUND S	3251 OLCOTT ST	NNE 1/2 - 1 (0.952 mi.)	X102	626
Facility Id: 80001810				
Facility Id: 71003508				
Status: Inactive - Needs Evaluation				
EXCEL CIRCUITS	1415 RICHARD AVENUE	E 1/2 - 1 (0.957 mi.)	Y103	630
Facility Id: 71002821				
Status: Inactive - Needs Evaluation				
VARIAN ASSOCIAT CS/	3100 JAY STREET	NE 1/2 - 1 (0.961 mi.)	105	633
Facility Id: 43480001				
Facility Id: 80001797				
Status: Refer: RWQCB				
MPI-3333 SCOTT BLVD	3333 SCOTT	NNW 1/2 - 1 (0.962 mi.)	106	641
Facility Id: 43360113				
Status: Refer: RWQCB				
EQUITY OFFICE PROPER	2620 AUGUSTINE DR	N 1/2 - 1 (0.973 mi.)	Z108	664
Facility Id: 60001968				
Status: Certified / Operation & Maintenance				
PYRAMID CIRCUITS, IN	1405 RICHARD AVENUE	E 1/2 - 1 (0.975 mi.)	Y109	676

EXECUTIVE SUMMARY

SCVWD ID: 06S1W33D01F
date9: 7/20/1993

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 4 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VERSATEC INC Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: T10000008072	2805 BOWERS AVE	NNW 1/4 - 1/2 (0.343 mi.)	53	221
INTEL Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL720611212	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231
SOLYNDRA INC Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Open - Verification Monitoring Global Id: T10000009577	2895 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.403 mi.)	M58	266
ELECTROGLAS Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 03/06/2023 Facility Status: Completed - Case Closed Global Id: SL18362782 Facility Id: 43S0556	2901-3001 CORONADO D	N 1/4 - 1/2 (0.497 mi.)	N62	296

CA HIST LUST: A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

A review of the CA HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 3 CA HIST LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORPORATION SCVWD ID: 06S1W33B01	2625 WALSH AVE	N 1/4 - 1/2 (0.301 mi.)	52	217
PACIFIC MAINTENENCE SCVWD ID: 06S1W34E01	2294 WALSH AVE	ENE 1/4 - 1/2 (0.474 mi.)	60	281
FAYETTE PROPERTIES SCVWD ID: 06S1W33D01	111 URANIUM DR	WNW 1/4 - 1/2 (0.488 mi.)	61	292

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there are 3 CA AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VANTAGE DATA CENTERS Database: AST, Date of Government Version: 07/06/2016	2565 WALSH AVE	NNE 1/8 - 1/4 (0.197 mi.)	I27	132
SAVVIS COMMUNICATION Database: AST, Date of Government Version: 07/06/2016	2403 WALSH AVENUE	NE 1/8 - 1/4 (0.236 mi.)	J49	215
SAVVIS, INC Database: AST, Date of Government Version: 07/06/2016	2403 WALSH AVE	NE 1/8 - 1/4 (0.236 mi.)	J50	216

Lists of state and tribal voluntary cleanup sites

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 01/23/2023 has revealed that there is 1 CA VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2330 MONROE STREET A Status: Active Facility Id: 60002982	2330 MONROE STREET	ESE 1/4 - 1/2 (0.469 mi.)	59	275

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 4 CA HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL MAGNETICS	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.593 mi.)	0	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORPORATION (S	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M56	259
3050 CORONADO, SYNER	3050 CORONADO	N 1/2 - 1 (0.636 mi.)	O69	322
APPLIED-3050 BOWERS	3050 BOWERS	NNW 1/2 - 1 (0.807 mi.)	U87	458

EXECUTIVE SUMMARY

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 01/05/2023 has revealed that there are 2 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA CLARA DPSS LASERS, INC.	2500 WALSH AVE 2525 WALSH AVE	NNE 1/8 - 1/4 (0.178 mi.) NE 1/8 - 1/4 (0.209 mi.)	G19 G31	114 140

Local Lists of Registered Storage Tanks

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 01/06/2023 has revealed that there are 3 CA CERS TANKS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VANTAGE DATA CENTERS	2565 WALSH AVE	NNE 1/8 - 1/4 (0.197 mi.)	I26	130
CYXTERA COMMUNICATIO	2403 WALSH AVENUE	NE 1/8 - 1/4 (0.236 mi.)	J48	211
VANTAGE CA31	2600 WALSH AVE	N 1/8 - 1/4 (0.248 mi.)	K51	217

Local Land Records

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 11/28/2022 has revealed that there is 1 CA DEED site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL Status: COMPLETED - CASE CLOSED Envirostor ID: SL720611212	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 22 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HAITAO CHENG EPA ID:: CAC003097762	2625 BONNIE DRIVE	S 0 - 1/8 (0.012 mi.)	B3	83
LINDA VERMILLION EPA ID:: CAC002984980	2368 DUNDEE DRIVE	SSW 0 - 1/8 (0.053 mi.)	8	91
DOLLY KNITTER EPA ID:: CAC003203478	2725 BONNIE DRIVE	SW 0 - 1/8 (0.085 mi.)	9	93
REDWOOD TRAILS LLC EPA ID:: CAC002988647	2326 QUINN DRIVE	S 0 - 1/8 (0.090 mi.)	D10	96
PILAR FERRER EPA ID:: CAC003193859	2521 PALMDALE CT	ENE 0 - 1/8 (0.110 mi.)	12	100
SEUNGKYU OH EPA ID:: CAC003189810	2632 TARTAN DRIVE	S 1/8 - 1/4 (0.129 mi.)	D15	105
VIDYA JIDDIMANI EPA ID:: CAC002989424	2242 BOWERS AVENUE	SSW 1/8 - 1/4 (0.158 mi.)	F16	107
GAYLE SCHULTZ EPA ID:: CAC003154282	2459 LOMA VISTA LANE	E 1/8 - 1/4 (0.160 mi.)	17	109
DEEPA MANOJ EPA ID:: CAC002998231	2550 MONROE STREET	SSE 1/8 - 1/4 (0.185 mi.)	H20	116
PAUL SIGN EPA ID:: CAC003169361	2730 MONROE STREET	SSW 1/8 - 1/4 (0.194 mi.)	F22	119
HUANG, THIEN EPA ID:: CAC002996156	2780 MONROE STREET	SSW 1/8 - 1/4 (0.207 mi.)	28	133
LI, CYNTHIA EPA ID:: CAC003152828	2553 ELLIOT STREET	SSE 1/8 - 1/4 (0.213 mi.)	H36	182
CYNTHIA LI EPA ID:: CAC003129525	2533 ELLIOT STREET	SSE 1/8 - 1/4 (0.218 mi.)	H37	184
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHOWTKUR, SRINIVAS EPA ID:: CAC003139328	2584 KNIGHTSBRIDGE L	E 0 - 1/8 (0.016 mi.)	C4	86
KEN SCHMIDT EPA ID:: CAC003013429	2580 KNIGHTSBRIDGE L	E 0 - 1/8 (0.027 mi.)	C6	89
NEAL GLEW EPA ID:: CAC003199517	2465 MOSSWOOD LN	ESE 0 - 1/8 (0.094 mi.)	11	98
SANDRA DAILEY EPA ID:: CAC003207678	2533 GALLUP DRIVE	SE 0 - 1/8 (0.122 mi.)	E14	103
ARRIS TECHNOLOGY INC EPA ID:: CAL000452352	2500 WALSH AVE	NNE 1/8 - 1/4 (0.178 mi.)	G18	112
ARRIS GROUP INC EPA ID:: CAL000386207	2450 WALSH AVE	NE 1/8 - 1/4 (0.195 mi.)	J25	127
DPSS LASERS INC EPA ID:: CAL000292045	2525 WALSH AVE	NE 1/8 - 1/4 (0.209 mi.)	G30	138
VANTAGE DATA CENTERS EPA ID:: CAC003195360	2590 WALSH AVE	N 1/8 - 1/4 (0.212 mi.)	K34	177
TZYY, GEORGE	2345 SOUTH DRIVE	ESE 1/8 - 1/4 (0.226 mi.)	40	197

EXECUTIVE SUMMARY

EPA ID:: CAC003084223

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/25/2023 has revealed that there are 4 ROD sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL MAGNETICS EPA ID:: CAD092212497	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.593 mi.)	0	13
APPLIED MATERIALS EPA ID:: CAD042728840	3050 BOWERS AVE	NNW 1/2 - 1 (0.693 mi.)	0	31
SYNERTEK, INC. (BUIL) EPA ID:: CAD990832735	3050 CORONADO BLVD	N 1/2 - 1 (0.600 mi.)	0	64
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORP. (SANTA C) EPA ID:: CAT000612184	2880 NORTHWESTERN PK	NNE 1/4 - 1/2 (0.394 mi.)	M55	246

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2022 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL MAGNETICS	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.593 mi.)	0	13

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 03/30/2023 has revealed that there are 5 PFAS ECHO sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DPSS LASERS INC		NNE 1/8 - 1/4 (0.191 mi.)	G21	118
M B C ENGINEERING#		NE 1/8 - 1/4 (0.226 mi.)	J41	200
SIGMAFORM CORP		NE 1/8 - 1/4 (0.227 mi.)	J42	201
MIASOLE		N 1/8 - 1/4 (0.227 mi.)	K43	202
HANWHA		NE 1/8 - 1/4 (0.230 mi.)	J47	210

EXECUTIVE SUMMARY

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 4 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231
SYNERTEK	STENDER WAY AND CORO	N 1/2 - 1 (0.510 mi.)	N64	299
INTEL CORPORATION -	3000 OAKMEAD VILLAGE	NNW 1/2 - 1 (0.649 mi.)	Q73	350
APPLIED MATERIALS	3050 BOWERS AVENUE	NNW 1/2 - 1 (0.807 mi.)	U88	473

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 12/14/2022 has revealed that there are 4 CA Cortese sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORPORATION	2625 WALSH AVE	N 1/4 - 1/2 (0.301 mi.)	52	217
Cleanup Status: COMPLETED - CASE CLOSED				
INTEL	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231
PACIFIC MAINTENENCE	2294 WALSH AVE	ENE 1/4 - 1/2 (0.474 mi.)	60	281
Cleanup Status: COMPLETED - CASE CLOSED				
FAYETTE PROPERTIES	111 URANIUM DR	WNW 1/4 - 1/2 (0.488 mi.)	61	292
Cleanup Status: COMPLETED - CASE CLOSED				

CA CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CA CUPA Listings list, as provided by EDR, has revealed that there are 3 CA CUPA Listings sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VANTAGE CA31	2590 WALSH AVENUE	N 1/8 - 1/4 (0.212 mi.)	K35	180
Database: CUPA SANTA CLARA, Date of Government Version: 10/28/2022				
SILVER HORSE EQUITIE	2424 WALSH AVE	NE 1/8 - 1/4 (0.223 mi.)	J39	191
Database: CUPA SANTA CLARA, Date of Government Version: 10/28/2022				
MEMC ELECTRONIC MATE	2400 WALSH AV	ENE 1/8 - 1/4 (0.228 mi.)	L44	204
Database: CUPA SANTA CLARA, Date of Government Version: 10/28/2022				

CA DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, has revealed that there is 1 CA DRYCLEANERS

EXECUTIVE SUMMARY

site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALHAMBRA GARDEN APAR Database: DRYCLEANERS, Date of Government Version: 08/27/2021 EPA Id: CAC002710713	2729 CHROMITE DR APT	WNW 0 - 1/8 (0.021 mi.)	5	88

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTEL CORPORATION Reg Id: 43-0722	2625 WALSH AVE	N 1/4 - 1/2 (0.301 mi.)	52	217
INTEL Reg Id: 2 438119N02	2880 NORTHWESTERN	NNE 1/4 - 1/2 (0.394 mi.)	M54	231
PACIFIC MAINTENENCE Reg Id: 43-0664	2294 WALSH AVE	ENE 1/4 - 1/2 (0.474 mi.)	60	281
FAYETTE PROPERTIES Reg Id: 43-0566	111 URANIUM DR	WNW 1/4 - 1/2 (0.488 mi.)	61	292

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 11/10/2022 has revealed that there are 5 CA HWP sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAYDAY CHEMICAL EPA ID: CAT080012263 Cleanup Status: CLOSED	2096-B WALSH AVE	ENE 1/2 - 1 (0.663 mi.)	R74	351
SIGNETICS CORP EPA ID: CAT000614107 Cleanup Status: PROTECTIVE FILER	1380 KIFER RD	WNW 1/2 - 1 (0.816 mi.)	T89	483
ZETA LABORATORIES IN EPA ID: CAD049233570 Cleanup Status: CLOSED	3265 SCOTT BLVD	N 1/2 - 1 (0.840 mi.)	W95	547
TELEDYNE WIRELESS IN EPA ID: CAT000625392 Cleanup Status: CLOSED	3251 OLCOTT ST	NNE 1/2 - 1 (0.952 mi.)	X101	582
VARIAN ASSOCIAT CS/ EPA ID: CAT000617605 Cleanup Status: CLOSED	3100 JAY STREET	NE 1/2 - 1 (0.961 mi.)	105	633

EXECUTIVE SUMMARY

CA Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the CA Notify 65 list, as provided by EDR, and dated 12/07/2022 has revealed that there is 1 CA Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOMBARDI SHELL SERVI	2540 EL CAMINO REAL	S 1/2 - 1 (0.959 mi.)	104	632

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BARATAS SHELL	2523 GALLUP DR	SE 0 - 1/8 (0.120 mi.)	E13	102

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

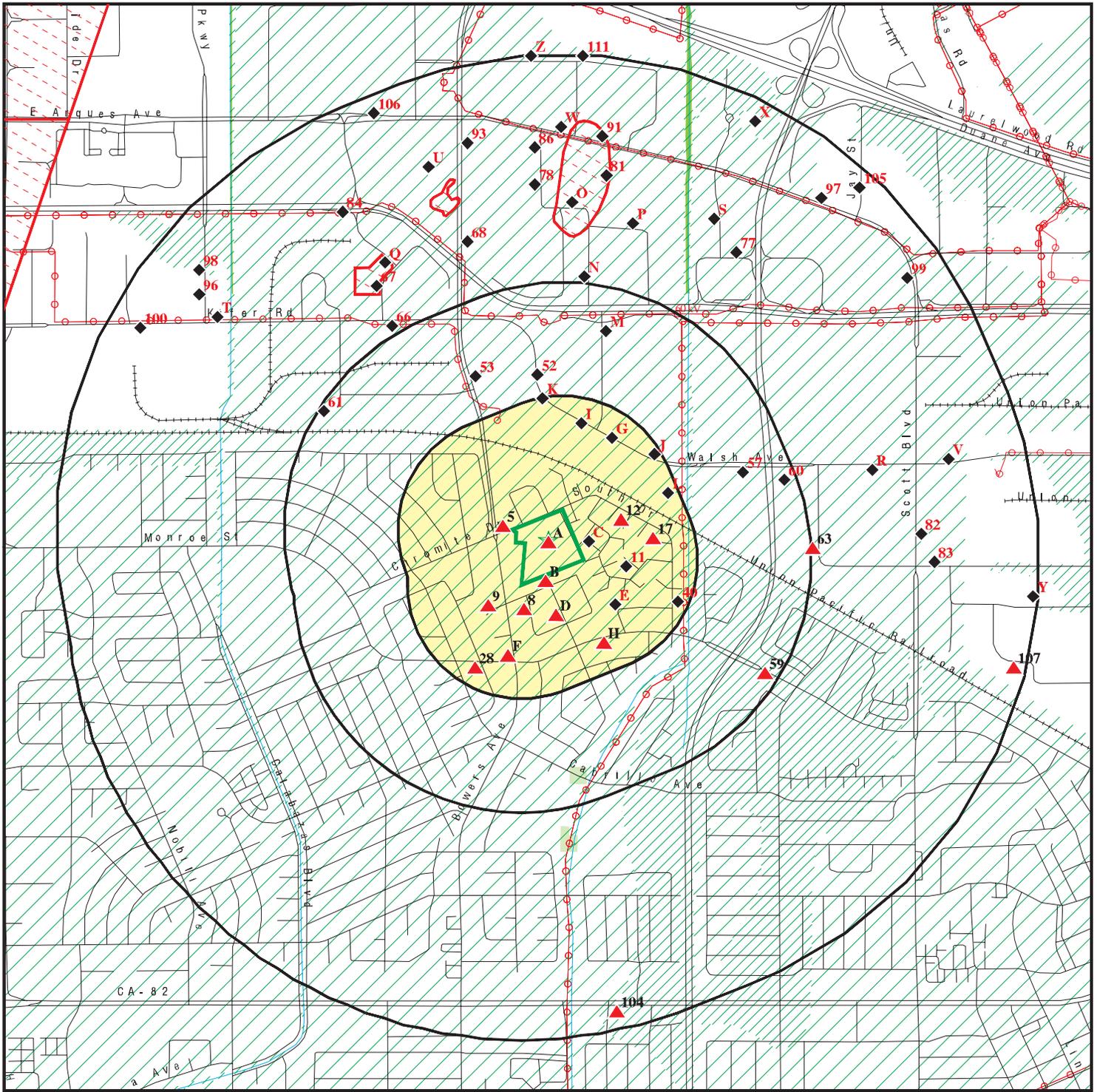
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA COACH CLE	2654 BONNIE DR	S 0 - 1/8 (0.038 mi.)	B7	91

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7328595.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

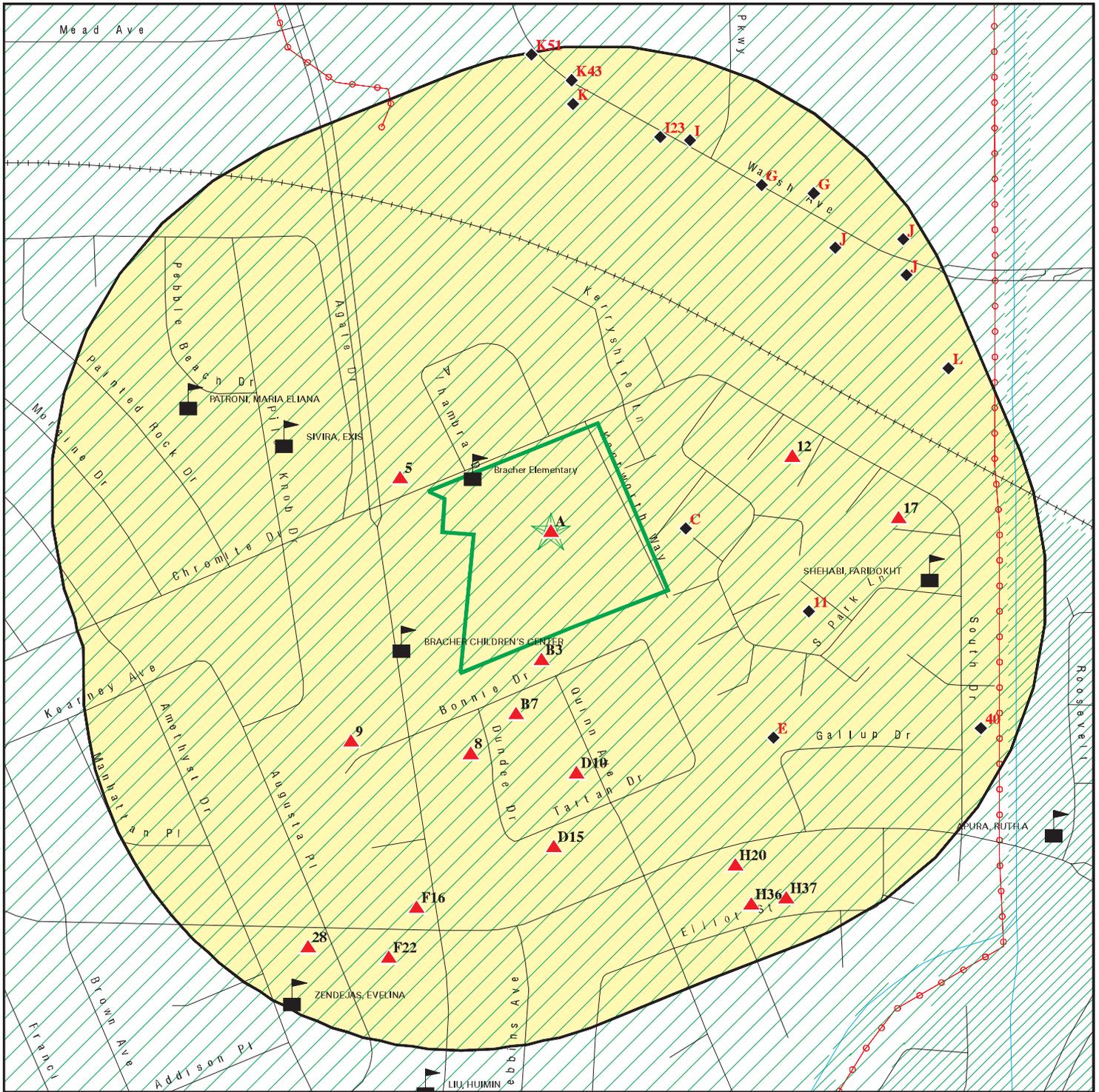
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Bracher Elementary School
 ADDRESS: 2700 Chromite Dr
 Santa Clara CA 95051
 LAT/LONG: 37.367049 / 121.974181

CLIENT: ARCADIS U.S., Inc.
 CONTACT: Divya Mehta
 INQUIRY #: 7328595.2s
 DATE: May 05, 2023 11:12 am

DETAIL MAP - 7328595.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Bracher Elementary School ADDRESS: 2700 Chromite Dr Santa Clara CA 95051 LAT/LONG: 37.367049 / 121.974181</p>	<p>CLIENT: ARCADIS U.S., Inc. CONTACT: Divya Mehta INQUIRY #: 7328595.2s DATE: May 05, 2023 11:13 am</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	3	NR	3
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	1	0	NR	1
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	3	NR	3
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		0	5	NR	NR	NR	5
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROLS	0.500		0	0	1	NR	NR	1
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
CA RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
CA ENVIROSTOR	1.000		0	1	3	42	NR	46
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
CA LUST	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	4	NR	NR	4
CA HIST LUST	0.500		0	0	3	NR	NR	3
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	0	NR	NR	NR	0
CA AST	0.250		0	3	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
CA VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	1	3	NR	4
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA SWEEPS UST	0.250		0	0	NR	NR	NR	0
CA HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CA CERS TANKS	0.250		0	3	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		9	13	NR	NR	NR	22
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	1	3	NR	4
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	5	NR	NR	NR	5
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
CA PFAS	0.250		0	0	NR	NR	NR	0
CA AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	3	NR	4
CA Cortese	0.500		0	0	4	NR	NR	4
CA CUPA Listings	0.250		0	3	NR	NR	NR	3
CA DRYCLEANERS	0.250		1	0	NR	NR	NR	1
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	0	4	NR	NR	4
CA HWP	1.000		0	0	0	5	NR	5
CA HWT	0.250		0	0	NR	NR	NR	0
CA HAZNET	TP	2	NR	NR	NR	NR	NR	2
RI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	1	NR	1
CA HAZMAT	0.250		0	0	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA CERS	TP		NR	NR	NR	NR	NR	0
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA HWTS	TP	2	NR	NR	NR	NR	NR	2
PFAS TRIS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES MRDS	0.250		0	0	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		4	12	37	30	64	0	147

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property
BRACHER ELEMENTARY
2700 CHROMITE
SANTA CLARA, CA 95051

CA HAZNET **S112922808**
CA HWTS **N/A**

Site 1 of 2 in cluster A

Actual:
54 ft.

HAZNET:
Name: BRACHER ELEMENTARY
Address: 2700 CHROMITE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Contact: Gilbert Roman/maint
Telephone: 4084232055
Mailing Name: Not reported
Mailing Address: 1889 Lawrence Rd

Year: 2011
Gepaid: CAC002553089
TSD EPA ID: CAD981382732
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4

Year: 2002
Gepaid: CAC002553089
TSD EPA ID: CAD981382732
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 51.4108

Additional Info:
Year: 2011
Gen EPA ID: CAC002553089

Shipment Date: 20111022
Creation Date: 1/12/2012 18:30:51
Receipt Date: 20111027
Manifest ID: 007923204JJK
Trans EPA ID: CAR000049957
Trans Name: Z-CON SPECIALTIES
Trans 2 EPA ID: CAR000037283
Trans 2 Name: WORLD ENVIRONMENTAL & ENERGY INC
TSD EPA ID: CAD981382732
Trans Name: ALTAMONT LANDFILL
TSD EPA Alt EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.4
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRACHER ELEMENTARY (Continued)

S112922808

Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAC002553089

Shipment Date: 20020702
Creation Date: 9/18/2002 18:32:45
Receipt Date: 20020708
Manifest ID: 98124600
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: CAD980585780
Trans 2 Name: Not reported
TSDf EPA ID: CAD981382732
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 27.8124
Waste Quantity: 33
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020625
Creation Date: 8/29/2002 18:31:58
Receipt Date: 20020628
Manifest ID: 98124606
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981382732
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 23.5984
Waste Quantity: 28
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: BRACHER ELEMENTARY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRACHER ELEMENTARY (Continued)

S112922808

Address: 2700 CHROMITE
 Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC002553089
 Inactive Date: 03/18/2003
 Create Date: 06/18/2002
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 1889 LAWRENCE RD
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SANTA CLARA, CA 95051
 Owner Name: SANTA CLARA USD
 Owner Address: 1889 LAWRENCE RD
 Owner Address 2: Not reported
 Owner City,State,Zip: SANTA CLARA, CA 95051
 Contact Name: GILBERT ROMAN/MAINT
 Contact Address: 1889 LAWRENCE RD
 Contact Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 95051
 Facility Status: Inactive
 Facility Type: TEMPORARY
 Category: STATE
 Latitude: 37.367574
 Longitude: -121.975429

A2 **SANTA CLARA USD/BRACHER ELEM**
Target **2700 CHRONMITE DR**
Property **SANTA CLARA, CA 95051**

CA HAZNET **S112915607**
CA HWTS **N/A**

Site 2 of 2 in cluster A

Actual:
54 ft.

HAZNET:
 Name: SANTA CLARA USD/BRACHER ELEM
 Address: 2700 CHRONMITE DR
 Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 950510000
 Contact: DAVID ZANOTTI/ZANOTTI CONTR
 Telephone: 5109283182
 Mailing Name: Not reported
 Mailing Address: 1889 LAWRENCE RD

 Year: 2001
 Gepaid: CAC002361855
 TSD EPA ID: CAD028409019
 CA Waste Code: 352 - Other organic solids
 Disposal Method: H01 - Transfer Station
 Tons: 4.214

Additional Info:

Year: 2001
 Gen EPA ID: CAC002361855

 Shipment Date: 20010626
 Creation Date: 10/3/2001 0:00:00
 Receipt Date: 20010703
 Manifest ID: 99685169

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA USD/BRACHER ELEM (Continued)

S112915607

Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 4.214
Waste Quantity: 5
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: SANTA CLARA USD/BRACHER ELEM
Address: 2700 CHRONMITE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAC002361855
Inactive Date: 01/11/2002
Create Date: 05/07/2001
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1889 LAWRENCE RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950510000
Owner Name: SANTA CLARA USD
Owner Address: 1889 LAWRENCE RD
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 950510000
Contact Name: DAVID ZANOTTI/ZANOTTI CONTR
Contact Address: Not reported
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.367574
Longitude: -121.975429

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NPL
Region
NNW
1/2-1
3130 ft.

INTEL MAGNETICS
3000 OAKMEAD VILLAGE DR
SANTA CLARA, CA 95051

NPL 1000366359
SEMS CAD092212497
RCRA-SQG
US ENG CONTROLS
US INST CONTROLS
CA HIST Cal-Sites
ROD
PRP
CONSENT
NY MANIFEST

NPL:

EPA Region: 9
 EPA ID: CAD092212497
 Site ID: 901661
 Name: INTEL MAGNETICS
 Address: 3000 OAKMEAD VILLAGE DR
 City,State,Zip: SANTA CLARA, CA 95051
 Federal: N
 Final Date: 1986-06-10 00:00:00
 Latitude: 37.3756
 Longitude: -121.9801
 Site Score: 31.940000000000001
 NAI: Not reported
 Native American Entity: Not reported

Substance as of 08/2019:

NPL Status: Currently on the Final NPL
 Substance ID: Not reported
 CAS Number: Not reported
 Substance: Not reported
 Pathway: Not reported
 Scoring: Not reported

NPL Status: Currently on the Final NPL
 Substance ID: U078
 CAS Number: 75-35-4
 Substance: DICHLOROETHENE, 1,1-
 Pathway: GROUND WATER PATHWAY
 Scoring: 4

NPL Status: Currently on the Final NPL
 Substance ID: U121
 CAS Number: 75-69-4
 Substance: TRICHLOROFLUOROMETHANE
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

NPL Status: Currently on the Final NPL
 Substance ID: U226
 CAS Number: 71-55-6
 Substance: TRICHLOROETHANE, 1,1,1-
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

NPL Status: Currently on the Final NPL
 Substance ID: U228
 CAS Number: 79-01-6
 Substance: TRICHLOROETHYLENE (TCE)
 Pathway: GROUND WATER PATHWAY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Intel Magnetix produces and tests magnetic products and bubble memories at a plant in Santa Clara, Santa Clara County, California. The facility occupies approximately 1 acre and is surrounded by industrial and business areas. Monitoring wells on the site are contaminated with 1,1,1-trichloroethane, trichlorofluoromethane, 1,1-dichloroethylene, and trichloroethylene, according to analyses conducted by a consultant to Intel. Contamination is believed to have resulted from leaking tanks. About 300,000 people depend on wells within 3 miles of the site as a source of drinking water. Intel is working with the California Regional Water Quality Control Board (CRWQCB) to determine the extent of contamination of ground water and soils. This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary. Status June 10, 1986): The company has installed a system to pump and treat contaminated ground water. CRWQCB, in conjunction with EPA and the California Department of Health Services, is overseeing response actions at the site.

Category as of 08/2019:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 160

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Narratives as of 08/2019:

NPL Name: INTEL MAGNETICS

Site as of 08/2019:

EPA Region: 09
Site ID: 0901661
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 06/10/86
Date Proposed: 10/15/84

Site Status as of 08/2019:

Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported
NPL Status: Final

Narr:

Site Name: Intel Magnetix
Site EPA ID: CAD092212497
Listing Date: 6/10/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Site Score: 31.94
Federal Facility Indicator: No
Site List URL: <https://semspub.epa.gov/src/document/09/2400259>
Site Progress URL: <https://cumulis.epa.gov/supercpad/cursites/csinfo.cfm?id=0901661>
Federal Register URL: <https://semspub.epa.gov/src/document/11/189628>
Site Location URL: https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdffd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List_NPL_Sites_with_Status_Information_7557,SITE_EPA_ID=%27CAD092212497%27

SEMS:

Site ID: 0901661
EPA ID: CAD092212497
Name: INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Cong District: 15,17
FIPS Code: 06085
Latitude: +37.375600
Longitude: -121.980100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: CM
Action Name: PCOR
SEQ: 1
Start Date: 1992-08-19 04:00:00
Finish Date: 1992-08-19 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2002-04-01 05:00:00
Finish Date: 2002-09-27 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2007-01-10 05:00:00
Finish Date: 2007-09-28 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-09-19 04:00:00
Finish Date: 1990-09-19 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 1991-04-12 04:00:00
Finish Date: 1991-04-12 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1991-08-26 04:00:00
Finish Date: 1991-08-26 04:00:00
Qual: R

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1990-08-01 04:00:00
Finish Date: 1990-08-01 04:00:00
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 1996-10-31 05:00:00
Finish Date: 1996-10-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Start Date: 1986-06-10 04:00:00
Finish Date: 1986-06-10 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 05:00:00
Finish Date: 1984-10-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-07-01 05:00:00
Finish Date: 1984-07-01 05:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Action Code: FE
Action Name: 5 YEAR
SEQ: 4
Start Date: 2012-09-26 05:00:00
Finish Date: 2012-09-26 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 2012-01-19 05:00:00
Finish Date: 2016-02-24 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 5
Start Date: 2016-11-04 04:00:00
Finish Date: 2017-09-28 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-07-01 04:00:00
Finish Date: 1980-07-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 2013-09-26 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: LR
Action Name: LT RESP
SEQ: 1
Start Date: 2006-09-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 2018-12-14 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 2017-03-30 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 6
Start Date: 2021-12-01 06:00:00
Finish Date: 2022-09-09 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 1989-09-15 04:00:00
Finish Date: 2016-02-28 05:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1991-08-26 04:00:00
Finish Date: 1991-08-26 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1991-08-26 04:00:00
Finish Date: 1992-08-19 04:00:00
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1989-05-17 04:00:00
Finish Date: 1991-08-26 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 1992-08-19 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901661
EPA ID: CAD092212497
Site Name: INTEL MAGNETICS
NPL: F
FF: N
OU: 01
Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1990-05-01 04:00:00
Finish Date: 1990-05-01 04:00:00
Qual: Not reported
Current Action Lead: St Perf

RCRA Listings:

Date Form Received by Agency: 19960901
Handler Name: Intel Magnetics
Handler Address: 3000 OAKMEAD VILLAGE DRIVE
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD092212497
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	3065 BOWERS AVENUE
Mailing City, State, Zip:	SANTA CLARA, CA 95051
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: INTEL CORPORATION-WHOLLY OWNED SUBSIDIAR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: INTEL MAGNETICS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800721
Handler Name: INTEL MAGNETICS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Site:

Name: INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Event Code: Not reported
Action Taken Date: 08/26/1991
EPA ID: CAD092212497
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

Media:

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

EPA ID: CAD092212497
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 08/26/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

US INST CONTROLS:

Name: INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD092212497
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 08/26/1991
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.375600
Longitude: -121.980100

Calsite:

Name: MICRO STORAGE/INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DRIVE
City: SANTA CLARA
Region: BERKELEY
Facility ID: 43350086
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

State Senate District: 06081994
Status: DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13
Facility ID: 43350086
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: REFRW
Definition of Status: PROPERTY/SITE REFERRED TO RWQCB
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 3000 OAKMEAD VILLAGE DRIVE
Alternate City,St,Zip: SANTA CLARA, CA 95051
Background Info: Intel Corporation operates a microprocessor testing facility at this one-acre site. The site is located adjacent to other industrial and commercial development. Chemicals used in the manufacturing process and wastes generated from this process were handled and stored onsite in drums and in an underground storage tank.
Soil and shallow groundwater at the site are contaminated with trichloroethane (TCA), trichloroethylene (TCE), Freon-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

113, dichloroethane (DCA), and dichloroethylene (DCE). Approximately 300,000 people residing within a three-mile radius of this site depend on local groundwater for their drinking water. This groundwater is derived from a deep aquifer.

While there are no reported impacts on public or private wells, four City of Sunnyvale municipal wells and twenty of the twenty-seven City of Santa Clara municipal wells are located within a three-mile radius of the site. The closest municipal well to the site is City of Santa Clara Well #21. This well is located approximately 2800 feet from the nearest contaminated monitoring well.

Comments Date: 01101990
Comments: Site has been referred to the RWQCB.
Comments Date: 03311993
Comments: The site is being overseen by the SFRWQCB pursuant to Order
Comments Date: 03311993
Comments: No. 91-119. The report which was the basis for this
Comments Date: 03311993
Comments: screening was produced pursuant to this order.
Comments Date: 03311993
Comments: The groundwater is contaminated with organic solvents.
Comments Date: 03311993
Comments: The following chemicals are listed followed by the highest
Comments Date: 03311993
Comments: result for the last round of analysis. (March or June '92):
Comments Date: 03311993
Comments: Dichloroethane(1.8 ppm), Dichloroethylene(13 ppm),
Comments Date: 03311993
Comments: Perchloroethylene(<2 ppm), Trichloroethane(17ppm),
Comments Date: 03311993
Comments: Trichloroethylene(140 ppm), and Freon 113(90ppm). VOC
Comments Date: 03311993
Comments: concentrations have decreased approximately 40 to 70
Comments Date: 03311993
Comments: percent since groundwater extraction began in Jan. 1991.
Comments Date: 03311993
Comments: Not reported
Comments Date: 03311993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

Comments: dn5
Comments Date: 03311993
Comments: Not reported
Comments Date: 07251991
Comments: Groundwater is contaminated with various VOCs. People could
Comments Date: 07251991
Comments: face a health hazard if they swallow or touch contaminated
Comments Date: 07251991
Comments: groundwater.
ID Name: CALSTARS CODE
ID Value: 200054
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD092212497
ID Name: BEP DATABASE PCODE
ID Value: P23079
Alternate Name: INTEL CORPORATION - MAGNETICS
Alternate Name: INTEL MAGNETICS
Alternate Name: MICRO STORAGE/INTEL MAGNETICS
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

ROD:

Name: INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DR
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD092212497
RG: 9
Site ID: 901661
Action: GOVT ROD for PRP Remedy
Operable Unit Number: OVERALL SITE
SEQ ID: 1
Action Completion: 1991-08-26 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:

PRP Name: CHARLES EDWIN GATES
EUGENIA L. CASHEN
GKC LIMITED
INTEL CORP.
KIM CAMP III
KIMBALL SMALL INVESTMENTS III
MARK GATES
OAKMEAD VILLAGE DRIVE LIMITED
WESTALL CORP

CONSENT:

EPA ID: CAD092212497
Site ID: Not reported
Case Title: U.S. V. INTEL CORPORATION
Court Num: 92-20664
District: California, Nort
Entered Date: 19930623
Name: MS IM SUPERFUND SITE
Name: INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL MAGNETICS (Continued)

1000366359

City,State,Zip: SANTA CLARA, CA 95051
County: Not reported

NY MANIFEST:

Name: INTEL
Address: 3000 OAKMEAD VILLAGE DRIVE
City,State,Zip: SANTA CLARA, CA 95051
Country: USA
EPA ID: CAD092212497
Facility Status: Not reported
Location Address 1: 3065 BOWERS AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: SANTA CALRA
Location State: CA
Location Zip: 95051
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD092212497
Mailing Name: INTEL
Mailing Contact: INTEL
Mailing Address 1: 3065 BOWERS AVENUE
Mailing Address 2: Not reported
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 95051
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 4089876998

**NPL
Region
NNW
1/2-1
3660 ft.**

**APPLIED MATERIALS
3050 BOWERS AVE
SANTA CLARA, CA 95051**

**NPL 1000284775
SEMS CAD042728840
RCRA-LQG
US ENG CONTROLS
US INST CONTROLS
CA HIST UST
ROD
PRP
FINDS
ECHO
NY MANIFEST**

NPL:

EPA Region: 9
EPA ID: CAD042728840
Site ID: 901344
Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
Federal: N
Final Date: 1987-07-22 00:00:00
Latitude: 37.3777
Longitude: -121.9777
Site Score: 31.940000000000001
NAI: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Native American Entity:	Not reported
Substance as of 08/2019:	
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	A091
CAS Number:	76-13-1
Substance:	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U078
CAS Number:	75-35-4
Substance:	DICHLOROETHENE, 1,1-
Pathway:	GROUND WATER PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	U210
CAS Number:	127-18-4
Substance:	TETRACHLOROETHENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U226
CAS Number:	71-55-6
Substance:	TRICHLOROETHANE, 1,1,1-
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U228
CAS Number:	79-01-6
Substance:	TRICHLOROETHYLENE (TCE)
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal October 15, 1984): Applied Materials produces equipment for manufacturing wafers for the electronics industry at a plant in Santa Clara, Santa Clara County, California. The facility occupies about 2.5 acres and is surrounded by business and industrial areas. Monitoring wells on the site are contaminated with Freon 113, tetrachloroethylene, 1,1,1-trichloroethane, 1,1-dichloroethylene, and trichloroethylene, according to analyses conducted by a consultant to Applied Materials. Contamination is believed to have resulted from leaking tanks. About 300,000 people depend on wells within 3 miles of the site as a source of drinking water. Applied Materials is working with the California Regional Water Quality Control Board (CRWQCB) to determine the extent of contamination of ground water and soils.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

This is one of 19 sites in the South Bay Area of San Francisco. Facilities at these sites have used a variety of toxic chemicals, primarily chlorinated organic solvents, which contaminate a common ground water basin. Although these sites are listed separately, EPA intends to apply an area-wide approach to the problem as well as take specific action as necessary. The plant received Interim Status under the Resource Conservation and Recovery Act (RCRA) when the company filed Part A of a permit application. Status (January 1986): The company has installed and is operating a system to pump and treat contaminated ground water. CRWQCB, in conjunction with EPA and the California Department of Health Services, is overseeing response actions at the site. Site investigations and cleanup continue to be regulated by the board's Waste Discharge Requirements. This site remains in proposed status until EPA implements the appropriate elements of its final policy for placing RCRA-related sites on the NPL and then applies the policy to this site. Status (July 22, 1987): Subsequent investigation revealed that this site is not subject to the Subtitle C permitting requirements of RCRA. Its score on the Hazard Ranking System, which EPA uses to evaluate sites for the NPL, is above the cutoff point of 28.50, and EPA received no information that prevents placing the site on the NPL. Therefore, it is being placed on the NPL.

Category as of 08/2019:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 100 Feet
Category Value: 240

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Narratives as of 08/2019:

NPL Name: APPLIED MATERIALS

Site as of 08/2019:

EPA Region: 09
Site ID: 0901344
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 07/22/87
Date Proposed: 10/15/84

Site Status as of 08/2019:

Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported
NPL Status: Final

Narr:

Site Name: Applied Materials
Site EPA ID: CAD042728840
Listing Date: 7/22/1987
Site Score: 31.94
Federal Facility Indicator: No
Site List URL: <https://semspub.epa.gov/src/document/09/2400257>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Site Progress URL: <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0901344>
Federal Register URL: <https://semspub.epa.gov/src/document/11/189629>
Site Location URL: https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List_NPL_Sites_with_Status_Information_7557,SITE_EPA_ID=%27CAD042728840%27

SEMS:

Site ID: 0901344
EPA ID: CAD042728840
Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Cong District: 15,17
FIPS Code: 06085
Latitude: +37.377700
Longitude: -121.977700
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 05:00:00
Finish Date: 1984-10-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: CM
Action Name: PCOR
SEQ: 1
Start Date: 1993-09-27 04:00:00
Finish Date: 1993-09-27 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 1995-04-28 04:00:00
Finish Date: 1995-04-28 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2005-08-24 04:00:00
Finish Date: 2005-09-29 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-08-15 04:00:00
Finish Date: 1990-08-15 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2000-07-11 04:00:00
Finish Date: 2000-07-11 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1987-07-22 04:00:00
Finish Date: 1987-07-22 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1989-07-05 04:00:00
Finish Date: 1990-09-28 04:00:00
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: H

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 1991-03-25 05:00:00
Finish Date: 1991-03-25 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 1993-08-25 04:00:00
Finish Date: 1993-08-25 04:00:00
Qual: R
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1990-09-28 04:00:00
Finish Date: 1990-09-28 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Start Date: 2010-09-28 04:00:00
Finish Date: 2010-09-28 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 5
Start Date: 2014-11-12 05:00:00
Finish Date: 2015-09-25 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 6
Start Date: 2019-10-30 05:00:00
Finish Date: 2020-09-22 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1983-10-01 04:00:00
Finish Date: 1990-09-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1990-09-28 04:00:00
Finish Date: 1990-09-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1990-09-28 04:00:00
Finish Date: 1990-09-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 02
Action Code: BD
Action Name: PRP RI/FS
SEQ: 2
Start Date: 1990-09-28 04:00:00
Finish Date: 1993-08-25 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 1989-09-15 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-07-01 05:00:00
Finish Date: 1984-07-01 05:00:00
Qual: L
Current Action Lead: St Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 2010-04-14 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901344
EPA ID: CAD042728840
Site Name: APPLIED MATERIALS
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-12-01 05:00:00
Finish Date: 1980-12-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

RCRA Listings:

Date Form Received by Agency: 20220224
Handler Name: Applied Materials Inc
Handler Address: 3050 BOWERS AVE
Handler City,State,Zip: SANTA CLARA, CA 95054-3201
EPA ID: CAD042728840
Contact Name: THERESE CHEN
Contact Address: BOWERS AVE. M/S 0216
Contact City,State,Zip: SANTA CLARA, CA 95054
Contact Telephone: 415-696-0312
Contact Fax: Not reported
Contact Email: THERESE_CHEN@AMAT.COM
Contact Title: SAFETY ENGINEER
EPA Region: 09
Land Type: Private

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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BOWERS AVE. M/S 0216
Mailing City, State, Zip:	SANTA CLARA, CA 95054
Owner Name:	Applied Materials, Inc - Bowers
Owner Type:	Private
Operator Name:	Applied Materials, Inc - Bowers
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220613
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2021

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MAP FINDINGS

Site

Database(s)

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APPLIED MATERIALS (Continued)

1000284775

[Click Here for Biennial Reporting System Data:](#)
Year: 2019

[Click Here for Biennial Reporting System Data:](#)
Year: 2017

[Click Here for Biennial Reporting System Data:](#)
Year: 2015

[Click Here for Biennial Reporting System Data:](#)
Year: 2013

[Click Here for Biennial Reporting System Data:](#)
Year: 2011

[Click Here for Biennial Reporting System Data:](#)
Year: 2009

[Click Here for Biennial Reporting System Data:](#)
Year: 2007

[Click Here for Biennial Reporting System Data:](#)
Year: 2005

[Click Here for Biennial Reporting System Data:](#)
Year: 2003

[Click Here for Biennial Reporting System Data:](#)
Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

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MAP FINDINGS

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APPLIED MATERIALS (Continued)

1000284775

Waste Code: D011
Waste Description: SILVER

Waste Code: D015
Waste Description: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P096
Waste Description: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

Waste Code: U003
Waste Description: ACETONITRILE (I,T)

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U092
Waste Description: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

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MAP FINDINGS

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APPLIED MATERIALS (Continued)

1000284775

Waste Code: U112
Waste Description: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U213
Waste Description: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: APPLIED MATERIALS, INC.
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-748-5400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC. - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: APPLIED MATERIALS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-748-5920
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC.
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC.
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: APPLIED MATERIALS, INC.
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-748-5400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC.

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	APPLIED MATERIALS, INC. - BOWERS
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	3050 BOWERS AVENUE M/S 0216
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-748-5400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	APPLIED MATERIALS, INC - BOWERS
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-986-3355
Owner/Operator Telephone Ext:	63355
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANH_DO@AMAT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	APPLIED MATERIALS, INC.
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	58039
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	APPLIED MATERIALS, INC.
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	3050 BOWERS AVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-748-5400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLIED MATERIALS, INC.
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: APPLIED MATERIALS, INC.	
Legal Status:	Private
Date Became Current:	19730921
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 58039
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: APPLIED MATERIALS, INC.	
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 58039
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: APPLIED MATERIALS, INC	
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	3320 SCOTT BLVD. M/S 1174 P. O.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-563-3326
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS	
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-986-3355
Owner/Operator Telephone Ext:	63355
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANH_DO@AMAT.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name: APPLIED MATERIALS, INC	
Legal Status:	Private
Date Became Current:	19730912
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: APPLIED MATERIALS, INC - BOWERS
Legal Status: Private
Date Became Current: 19730912
Date Ended Current: Not reported
Owner/Operator Address: 3050 BOWERS AVE. M/S 0216 PO BOX 58039
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-986-3355
Owner/Operator Telephone Ext: 63355
Owner/Operator Fax: Not reported
Owner/Operator Email: ANH_DO@AMAT.COM

Historic Generators:

Receive Date: 20100209
Handler Name: APPLIED MATERIALS, INC. - BOWERS CAMPUS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120321
Handler Name: APPLIED MATERIALS, INC. - BOWERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: APPLIED MATERIALS, INC - BOWERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

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APPLIED MATERIALS (Continued)

1000284775

Receive Date: 20160210
Handler Name: APPLIED MATERIALS, INC. - BOWERS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180212
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200507
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220224
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No

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APPLIED MATERIALS (Continued)

1000284775

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20181227
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19921023
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900612
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920228
Handler Name: APPLIED MATERIALS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Map ID
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MAP FINDINGS

Site

Database(s)

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APPLIED MATERIALS (Continued)

1000284775

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	APPLIED MATERIALS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	APPLIED MATERIALS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020301
Handler Name:	APPLIED MATERIALS, INC. - BOWERS CAMPUS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20040227
Handler Name:	APPLIED MATERIALS, INC. - BOWERS CAMPUS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060223
Handler Name:	APPLIED MATERIALS, INC. - BOWERS CAMPUS

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APPLIED MATERIALS (Continued)

1000284775

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080212
Handler Name:	APPLIED MATERIALS, INC. - BOWERS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	333242
NAICS Description:	SEMICONDUCTOR MACHINERY MANUFACTURING
NAICS Code:	333249
NAICS Description:	OTHER INDUSTRIAL MACHINERY MANUFACTURING
NAICS Code:	333295
NAICS Description:	SEMICONDUCTOR MACHINERY MANUFACTURING
NAICS Code:	333298
NAICS Description:	ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING
NAICS Code:	333999
NAICS Description:	ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING
NAICS Code:	334419
NAICS Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported

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Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported

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EDR ID Number
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APPLIED MATERIALS (Continued)

1000284775

SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Evaluation Action Summary:	
Evaluation Date:	20071012
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

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APPLIED MATERIALS (Continued)

1000284775

Former Citation:	Not reported
Evaluation Date:	20060817
Evaluation Responsible Agency:	Local
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050720
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100915
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090903
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060817
Evaluation Responsible Agency:	State
Found Violation:	No

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APPLIED MATERIALS (Continued)

1000284775

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Site:

Name:	APPLIED MATERIALS
Address:	3050 BOWERS AVE
Address 2:	Not reported
City,State,Zip:	SANTA CLARA, CA 95051
Event Code:	Not reported
Action Taken Date:	08/25/1993
EPA ID:	CAD042728840
Action Name:	Record of Decision
Action ID:	2
Operable Unit:	02
Contaminated Media:	Soil
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+37.377700
Longitude:	-121.977700

Media:

EPA ID:	CAD042728840
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/28/1990
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1990
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+37.377700
Longitude:	-121.977700

EPA ID:	CAD042728840
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/28/1990

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APPLIED MATERIALS (Continued)

1000284775

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377700
Longitude: -121.977700

EPA ID: CAD042728840
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/28/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377700
Longitude: -121.977700

EPA ID: CAD042728840
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/28/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377700
Longitude: -121.977700

EPA ID: CAD042728840
Contaminated Media: Soil
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 08/25/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1993

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EDR ID Number
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APPLIED MATERIALS (Continued)

1000284775

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377700
Longitude: -121.977700

US INST CONTROLS:

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD042728840
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 09/28/1990
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377700
Longitude: -121.977700

HIST UST:

Name: APPLIED MATERIALS BUILDING 1
Address: 3050 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
File Number: 0002cdd5
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002cdd5.pdf>
Region: STATE
Facility ID: 00000008399
Facility Type: Other
Other Type: EQUIPMENT MFGR.
Contact Name: R. PIERCE
Telephone: 4087275555
Owner Name: APPLIED MATERIALS INC.
Owner Address: 3050 BOWERS AVE
Owner City,St,Zip: SANTA CLARA, CA 95051
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001077
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 002
Container Num: 2

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Database(s)

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EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

Year Installed: Not reported
Tank Capacity: 00001077
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000120
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

[Click here for Geo Tracker PDF:](#)

ROD:

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD042728840
RG: 9
Site ID: 901344
Action: GOVT ROD for PRP Remedy
Operable Unit Number: OVERALL SITE
SEQ ID: 1
Action Completion: 1990-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD042728840
RG: 9
Site ID: 901344
Action: GOVT ROD for PRP Remedy
Operable Unit Number: OU02
SEQ ID: 2
Action Completion: 1993-08-25 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:

PRP Name: APPLIED MATERIALS, INC
APPLIED MATERIALS, INC.

FINDS:

Registry ID: 110000770862

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

California Department of Toxic Substances Control EnviroStor System
(DTSC-EnviroStor) is an online search and Geographic Information

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

TSCA SUBMITTER
SUPERFUND NPL

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

Registry ID: 110055707150

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000284775
Registry ID: 110000770862
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000770862>
Name: APPLIED MATERIALS INCORPORATED
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054

NY MANIFEST:

Name: APPLIED MATERIALS
Address: APPLIED MATERIALS
City,State,Zip: SANTA CLARA, CA 95051
Country: USA
EPA ID: CAD042728840
Facility Status: Not reported
Location Address 1: 3050 BOWERS AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: SANTA CLARA
Location State: CA
Location Zip: 95054
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

1000284775

NY MANIFEST:
EPAID: CAD042728840
Mailing Name: APPLIED MATERIALS
Mailing Contact: APPLIED MATERIALS
Mailing Address 1: 3050 BOWERS AVENUE
Mailing Address 2: Not reported
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 95054
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 4087485244

**NPL
Region
North
1/2-1
3170 ft.**

**SYNERTEK, INC. (BUILDING 1)
3050 CORONADO BLVD
SANTA CLARA, CA 95051**

**NPL 1000219435
SEMS CAD990832735
RCRA-SQG
US ENG CONTROLS
US INST CONTROLS
ROD
PRP
ECHO**

NPL:
EPA Region: 9
EPA ID: CAD990832735
Site ID: 902620
Name: SYNERTEK, INC. (BUILDING 1)
Address: 3050 CORONADO BLVD
City,State,Zip: SANTA CLARA, CA 95051
Federal: N
Final Date: 1989-10-04 00:00:00
Latitude: 37.3773
Longitude: -121.9719
Site Score: 31.940000000000001
NAI: Not reported
Native American Entity: Not reported

Substance as of 08/2019:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U043
CAS Number: 75-01-4
Substance: VINYL CHLORIDE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U076
CAS Number: 75-34-3
Substance: DICHLOROETHANE, 1,1-
Pathway: GROUND WATER PATHWAY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U078
CAS Number:	75-35-4
Substance:	DICHLOROETHENE, 1,1-
Pathway:	GROUND WATER PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	U226
CAS Number:	71-55-6
Substance:	TRICHLOROETHANE, 1,1,1-
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U228
CAS Number:	79-01-6
Substance:	TRICHLOROETHYLENE (TCE)
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal June 24, 1988): Synertek, Inc. SI) manufactured electronics in five buildings on a 3.5-acre site at 3050 Coronado Boulevard in Santa Clara, Santa Clara County, California, from March 1978 to February 1985. SI, a subsidiary of Honeywell, Inc., operated a neutralization system consisting of three buried tanks during 1974-82. Building 1 is adjacent to the tank system, which was removed in April 1985. A buried tank for storing trichloroethylene (TCE) and trichloroethane (TCA) was installed in 1976 and removed in February 1985. According to California Regional Water Quality Control Board (CRWQCB) files, the neutralization tank and solvent storage tank appear to have leaked. In 1985, Honeywell found TCE, TCA, and other chlorinated solvents in ground water on and off the site. Both the shallow and deep aquifers are contaminated. An estimated 300,000 people obtain drinking water from public wells within 3 miles of the site. Honeywell is constructing a single-well extraction system to pump contaminated ground water to the surface, route it through two air-stripping towers to remove contaminants, and discharge the treated water to the storm sewer. The discharge will be regulated under a permit issued by CRWQCB under the National Pollutant Discharge Elimination System. The pumping system is scheduled to be in operation shortly. Status October 4, 1989): Under CRWQCB orders, Honeywell is conducting a remedial investigation/feasibility study to determine the type and extent of contamination at the site and identify alternatives for remedial action. The work is meeting the schedule outlined in the orders. Honeywell plans to remove a large concrete neutralization tank in the near future.

Category as of 08/2019:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 25 And <= 50 Feet
Category Value:	40
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Category Value: 10

Narratives as of 08/2019:
NPL Name: SYNERTEK, INC. (BUILDING 1)

Site as of 08/2019:
EPA Region: 09
Site ID: 0902620
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 10/04/89
Date Proposed: 06/24/88

Site Status as of 08/2019:
Proposed Date: 06/24/1988
Final Date: 10/04/1989
Deleted Date: Not reported
NPL Status: Final

Narr:
Site Name: Synertek, Inc. (Building 1)
Site EPA ID: CAD990832735
Listing Date: 10/4/1989
Site Score: 31.94
Federal Facility Indicator: No
Site List URL: <https://semspub.epa.gov/src/document/09/2400164>
Site Progress URL: <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902620>
Federal Register URL: <https://semspub.epa.gov/src/document/11/189633>
Site Location URL: https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List__NPL__Sites_with_Status_Information_7557,SITE_EPA_ID=%27CAD990832735%27

SEMS:
Site ID: 0902620
EPA ID: CAD990832735
Name: SYNERTEK, INC. (BUILDING 1)
Address: 3050 CORONADO BLVD
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Cong District: 15,17
FIPS Code: 06085
Latitude: +37.377300
Longitude: -121.971900
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1987-06-01 04:00:00
Finish Date:	1987-06-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1991-06-28 04:00:00
Finish Date:	1991-06-28 04:00:00
Qual:	R
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CM
Action Name:	PCOR
SEQ:	1
Start Date:	1992-03-25 05:00:00
Finish Date:	1992-03-25 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	1996-10-31 05:00:00
Finish Date:	1996-10-31 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2002-04-22 04:00:00
Finish Date: 2002-09-30 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2006-12-31 05:00:00
Finish Date: 2007-09-28 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 1991-02-18 05:00:00
Finish Date: 1991-02-18 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1989-08-03 04:00:00
Finish Date: 1989-08-03 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1988-06-24 04:00:00
Finish Date: 1988-06-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1987-04-01 05:00:00
Finish Date: 1987-04-01 05:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1987-06-01 04:00:00
Finish Date: 1987-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1991-04-15 04:00:00
Finish Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Qual:	E
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1989-10-04 04:00:00
Finish Date:	1989-10-04 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	4
Start Date:	2012-09-27 05:00:00
Finish Date:	2012-09-27 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	5
Start Date:	2016-11-07 05:00:00
Finish Date:	2017-09-27 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

SEQ:	1
Start Date:	1986-05-01 04:00:00
Finish Date:	1986-05-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	6
Start Date:	2021-11-15 06:00:00
Finish Date:	2022-09-08 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	2007-10-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	1991-06-28 04:00:00
Finish Date:	2020-09-28 05:00:00
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	2
Start Date:	1992-03-25 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-09-15 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	1991-06-28 04:00:00
Finish Date:	1991-07-01 04:00:00
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735
Site Name:	SYNERTEK, INC. (BUILDING 1)
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1991-07-01 04:00:00
Finish Date:	1992-03-25 05:00:00
Qual:	Not reported
Current Action Lead:	St Ovrsght
Region:	09
Site ID:	0902620
EPA ID:	CAD990832735

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1991-06-28 04:00:00
Finish Date: 1991-06-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1989-06-21 04:00:00
Finish Date: 1991-06-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1991-06-28 04:00:00
Finish Date: 1991-06-28 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 01
Action Code: NK
Action Name: PRP FS
SEQ: 1
Start Date: 2013-09-30 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Ovrsght

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Region: 09
Site ID: 0902620
EPA ID: CAD990832735
Site Name: SYNERTEK, INC. (BUILDING 1)
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 1
Start Date: 2012-03-01 05:00:00
Finish Date: 2015-12-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

RCRA Listings:

Date Form Received by Agency: 20221213
Handler Name: Keysight Technologies Inc.
Handler Address: 3050 CORONADO DRIVE
Handler City,State,Zip: SANTA CLARA, CA 95054
EPA ID: CAD990832735
Contact Name: RICK MILLER
Contact Address: CORONADO DRIVE
Contact City,State,Zip: SANTA CLARA, CA 95054
Contact Telephone: 510-714-4229
Contact Fax: Not reported
Contact Email: RICK.MILLER@KEYSIGHT.COM
Contact Title: EHS MANAGER
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: CORONADO DRIVE
Mailing City,State,Zip: SANTA CLARA, CA 95054
Owner Name: James Lindsey
Owner Type: Private
Operator Name: Keysight Technologies Inc.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221215
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES LINDSEY
Legal Status:	Private
Date Became Current:	20060101
Date Ended Current:	Not reported
Owner/Operator Address:	18 CYPRESS AVE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Owner/Operator City,State,Zip:	KENTFIELD, CA 94904
Owner/Operator Telephone:	415-987-7526
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEYSIGHT TECHNOLOGIES INC.
Legal Status:	Private
Date Became Current:	20220701
Date Ended Current:	Not reported
Owner/Operator Address:	5301 STEVENS CREEK BOULEVARD
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	510-714-4229
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RICK.MILLER@KEYSIGHT.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	JAMES LINDSEY
Legal Status:	Private
Date Became Current:	19970101
Date Ended Current:	Not reported
Owner/Operator Address:	18 CYPRESS AVE
Owner/Operator City,State,Zip:	KENTFIELD, CA 94904
Owner/Operator Telephone:	408-490-1356
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TIRUNELVELI RAVI
Legal Status:	Other
Date Became Current:	20080101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CRYSTAL SOLAR
Legal Status:	Private
Date Became Current:	20081219
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TS RAVI
Legal Status:	Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Date Became Current: 20080801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JAMES LINDSEY
Legal Status: Private
Date Became Current: 19971211
Date Ended Current: Not reported
Owner/Operator Address: 18 CYPRESS AVENUE
Owner/Operator City,State,Zip: KENTFIELD, CA 94904
Owner/Operator Telephone: 408-200-8800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JIM@JLINDSEY.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: TIRUNELVELI RAVI
Legal Status: Other
Date Became Current: 20080101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Owner/Operator Indicator: Owner
Owner/Operator Name: KALIL JENAB
Legal Status: Private
Date Became Current: 19971211
Date Ended Current: Not reported
Owner/Operator Address: 525 UNIVERSITY AVENUE, SUITE 220
Owner/Operator City,State,Zip: PALO ALTO, CA 94301
Owner/Operator Telephone: 408-200-8800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: KALIL.JENAB@CUSHWAKE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: TS RAVI
Legal Status: Private
Date Became Current: 20080815
Date Ended Current: Not reported
Owner/Operator Address: 3050 CORONADO DR
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JIM LINDSEY
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: 18 CYPRESS AVE
Owner/Operator City,State,Zip: KENTFIELD, CA 94904
Owner/Operator Telephone: 415-987-7526
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20141224
Handler Name: CRYSTAL SOLAR INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160613
Handler Name: CRYSTAL SOLAR INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960901
Handler Name: SYNERTEK#	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19800724
Handler Name: SYNERTEK#	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20081219
Handler Name: CRYSTAL SOLAR	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20100709
Handler Name: CRYSTAL SOLAR INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Receive Date: 20221213
Handler Name: KEYSIGHT TECHNOLOGIES INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

NAICS Code: 334515
NAICS Description: INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Site:

Name: SYNERTEK, INC. (BUILDING 1)
Address: 3050 CORONADO BLVD
Address 2: Not reported
City, State, Zip: SANTA CLARA, CA 95051
Event Code: Not reported
Action Taken Date: 06/28/1991
EPA ID: CAD990832735
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

Media:

EPA ID: CAD990832735

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

EPA ID: CAD990832735
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

EPA ID: CAD990832735
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

EPA ID: CAD990832735
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

EPA ID: CAD990832735
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

EPA ID: CAD990832735
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 06/28/1991
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.377300
Longitude: -121.971900

US INST CONTROLS:

Name: SYNERTEK, INC. (BUILDING 1)
Address: 3050 CORONADO BLVD
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD990832735
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 06/28/1991
Contaminated Media: Groundwater
Event Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SYNERTEK, INC. (BUILDING 1) (Continued)

1000219435

Contact Name: Not reported
 Contact Telephone: Not reported
 Event: Not reported
 Federal Facility: N
 Fiscal Year: 1991
 NPL Status: Currently on the Final NPL
 Superfund Alternative Agreement: N
 Latitude: +37.377300
 Longitude: -121.971900

ROD:

Name: SYNERTEK, INC. (BUILDING 1)
 Address: 3050 CORONADO BLVD
 City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAD990832735
 RG: 9
 Site ID: 902620
 Action: GOVT ROD for PRP Remedy
 Operable Unit Number: OVERALL SITE
 SEQ ID: 1
 Action Completion: 1991-06-28 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

PRP:

PRP Name: HONEYWELL, INC.

ECHO:

Envid: 1000219435
 Registry ID: 110002903886
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002903886>
 Name: CRYSTAL SOLAR INC.
 Address: 3050 CORONADO DR
 City,State,Zip: SANTA CLARA, CA 95054

B3
South
< 1/8
0.012 mi.
61 ft.

HAITAO CHENG
2625 BONNIE DRIVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR **1026709663**
CAC003097762

Site 1 of 2 in cluster B

Relative:
Higher
Actual:
55 ft.

RCRA Listings:
 Date Form Received by Agency: 20201218
 Handler Name: Haitao Cheng
 Handler Address: 2625 BONNIE DRIVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC003097762
 Contact Name: HAITAO CHENG
 Contact Address: 2625 BONNIE DRIVE
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 650-554-1062
 Contact Fax: Not reported
 Contact Email: ALONDRA.DIAZ@SYNERGYCOMPANIES.ORG
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAITAO CHENG (Continued)

1026709663

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2625 BONNIE DRIVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Haitao Cheng
Owner Type:	Other
Operator Name:	Haitao Cheng
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201218
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Operator
 Owner/Operator Name: HAITAO CHENG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAITAO CHENG (Continued)

1026709663

Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2625 BONNIE DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 650-554-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HAITAO CHENG
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2625 BONNIE DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 650-554-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20201218
Handler Name: HAITAO CHENG
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHOWTKUR, SRINIVAS (Continued)

1027068045

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20210920
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: CHOWTKUR, SRINIVAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2584 KNIGHTSBRIDGE LANE
Owner/Operator City,State,Zip: SAN JOSE, CA 95051
Owner/Operator Telephone: 408-507-2706
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHOWTKUR, SRINIVAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2584 KNIGHTSBRIDGE LANE
Owner/Operator City,State,Zip: SAN JOSE, CA 95051
Owner/Operator Telephone: 408-507-2706
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20210916
Handler Name: CHOWTKUR, SRINIVAS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHOWTKUR, SRINIVAS (Continued)

1027068045

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

5
WNW
< 1/8
0.021 mi.
113 ft.

ALHAMBRA GARDEN APARTMENTS
2729 CHROMITE DR APT A
SANTA CLARA, CA 95051

CA DRYCLEANERS **S112225069**
N/A

Relative:
Higher
Actual:
54 ft.

DRYCLEANERS:
Name: ALHAMBRA GARDEN APARTMENTS
Address: 2729 CHROMITE DR APT A
City,State,Zip: SANTA CLARA, CA 950510930
EPA Id: CAC002710713
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/06/2012
Facility Active: No
Inactive Date: 02/05/2013
Facility Addr2: Not reported
Owner Name: HECTOR OLIVARES
Owner Address: 2729 CHROMITE DR APT A
Owner Address 2: Not reported
Owner Telephone: 4085908470
Contact Name: HECTOR OLIVARES
Contact Address: 2729 CHROMITE DR APT A
Contact Address 2: Not reported
Contact Telephone: 4085908470
Contact Fax: 4082436444
Mailing Name: Not reported
Mailing Address 1: 2729 CHROMITE DR APT A
Mailing Address 2: Not reported
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 950510930
Owner Fax: 4082436444
Region Code: 2
Latitude: 37.367172
Longitude: -121.976764

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C6
East
< 1/8
0.027 mi.
140 ft.

KEN SCHMIDT
2580 KNIGHTSBRIDGE LN
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1025833851
CAC003013429

Relative:
Lower
Actual:
53 ft.

Site 2 of 2 in cluster C

RCRA Listings:

Date Form Received by Agency:	20190503
Handler Name:	Ken Schmidt
Handler Address:	2580 KNIGHTSBRIDGE LN
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC003013429
Contact Name:	KEN SCHMIDT
Contact Address:	2580 KNIGHTSBRIDGE LN
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-859-9535
Contact Fax:	Not reported
Contact Email:	JENNIFERD@CVECORP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2580 KNIGHTSBRIDGE LN
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Ken Schmidt
Owner Type:	Other
Operator Name:	Ken Schmidt
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEN SCHMIDT (Continued)

1025833851

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: KEN SCHMIDT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2580 KNIGHTSBRIDGE LN
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-859-9535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: KEN SCHMIDT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2580 KNIGHTSBRIDGE LN
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-859-9535
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190503
Handler Name: KEN SCHMIDT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEN SCHMIDT (Continued)

1025833851

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B7
South
< 1/8
0.038 mi.
202 ft.

CALIFORNIA COACH CLEANERS
2654 BONNIE DR
SANTA CLARA, CA 95051
Site 2 of 2 in cluster B

EDR Hist Cleaner **1019947292**
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
56 ft.

Year:	Name:	Type:
1989	CALIFORNIA COACH CLEANERS	Drycleaning Plants, Except Rugs, NEC
1990	CALIFORNIA COACH CLEANERS	Drycleaning Plants, Except Rugs, NEC
1991	CALIFORNIA COACH CLEANERS	Drycleaning Plants, Except Rugs, NEC
1992	CALIFORNIA COACH CLEANERS	Drycleaning Plants, Except Rugs, NEC
1993	CALIFORNIA COACH CLEANERS	Drycleaning Plants, Except Rugs, NEC

8
SSW
< 1/8
0.053 mi.
282 ft.

LINDA VERMILLION
2368 DUNDEE DRIVE
SUNNYVALE, CA 95051

RCRA NonGen / NLR **1024765112**
CAC002984980

Relative:
Higher

RCRA Listings:

Actual:
57 ft.

Date Form Received by Agency:	20181016
Handler Name:	Linda Vermillion
Handler Address:	2368 DUNDEE DRIVE
Handler City,State,Zip:	SUNNYVALE, CA 95051
EPA ID:	CAC002984980
Contact Name:	LINDA VERMILLION
Contact Address:	2368 DUNDEE DRIVE
Contact City,State,Zip:	SUNNYVALE, CA 95051
Contact Telephone:	408-984-3480
Contact Fax:	Not reported
Contact Email:	MELISA@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2368 DUNDEE DRIVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LINDA VERMILLION (Continued)

1024765112

Mailing City,State,Zip:	SUNNYVALE, CA 95051
Owner Name:	Linda Vermillion
Owner Type:	Other
Operator Name:	Linda Vermillion
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LINDA VERMILLION	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2368 DUNDEE DRIVE
Owner/Operator City,State,Zip:	SUNNYVALE, CA 95051
Owner/Operator Telephone:	408-984-3480
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINDA VERMILLION (Continued)

1024765112

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LINDA VERMILLION
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2368 DUNDEE DRIVE
Owner/Operator City,State,Zip: SUNNYVALE, CA 95051
Owner/Operator Telephone: 408-984-3480
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181016
Handler Name: LINDA VERMILLION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

9
SW
< 1/8
0.085 mi.
450 ft.

DOLLY KNITTER
2725 BONNIE DRIVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR 1027464764
CAC003203478

Relative:
Higher
Actual:
57 ft.

RCRA Listings:
Date Form Received by Agency: 20221109
Handler Name: Dolly Knitter
Handler Address: 2725 BONNIE DRIVE
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAC003203478
Contact Name: DOLLY KNITTER
Contact Address: 2725 BONNIE DRIVE
Contact City,State,Zip: SANTA CLARA, CA 95051
Contact Telephone: 408-242-6128

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DOLLY KNITTER (Continued)

1027464764

Contact Fax:	Not reported
Contact Email:	GISELLE.ESPIRITU@SYNERGYCOMPANIES.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2725 BONNIE DRIVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Dolly Knitter
Owner Type:	Other
Operator Name:	Dolly Knitter
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221109
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOLLY KNITTER (Continued)

1027464764

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: DOLLY KNITTER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2725 BONNIE DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-242-6128
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOLLY KNITTER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2725 BONNIE DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-242-6128
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20221109
Handler Name: DOLLY KNITTER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D10
South
< 1/8
0.090 mi.
474 ft.

REDWOOD TRAILS LLC
2326 QUINN DRIVE
SANTA CLARA, CA 95050

RCRA NonGen / NLR

1024768763
CAC002988647

Site 1 of 2 in cluster D

Relative:
Higher
Actual:
56 ft.

RCRA Listings:	
Date Form Received by Agency:	20181109
Handler Name:	Redwood Trails Llc
Handler Address:	2326 QUINN DRIVE
Handler City,State,Zip:	SANTA CLARA, CA 95050
EPA ID:	CAC002988647
Contact Name:	REDWOOD TRAILS LLC
Contact Address:	35497 GUSTAVO COURT
Contact City,State,Zip:	FREMONT, CA 94536
Contact Telephone:	408-507-8274
Contact Fax:	Not reported
Contact Email:	JEREMY@MARCUSDDDESIGN.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	35497 GUSTAVO COURT
Mailing City,State,Zip:	FREMONT, CA 94536
Owner Name:	Redwood Trails Llc
Owner Type:	Other
Operator Name:	Redwood Trails Llc
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDWOOD TRAILS LLC (Continued)

1024768763

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: REDWOOD TRAILS LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	35497 GUSTAVO COURT
Owner/Operator City,State,Zip:	FREMONT, CA 94536
Owner/Operator Telephone:	408-507-8274
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: REDWOOD TRAILS LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	35497 GUSTAVO COURT
Owner/Operator City,State,Zip:	FREMONT, CA 94536
Owner/Operator Telephone:	408-507-8274
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20181109
Handler Name: REDWOOD TRAILS LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDWOOD TRAILS LLC (Continued)

1024768763

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

11
 ESE
 < 1/8
 0.094 mi.
 497 ft.

NEAL GLEW
2465 MOSSWOOD LN
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1027461032
CAC003199517

Relative:
Lower
Actual:
52 ft.

RCRA Listings:

Date Form Received by Agency:	20221013
Handler Name:	Neal Glew
Handler Address:	2465 MOSSWOOD LN
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC003199517
Contact Name:	NEAL GLEW
Contact Address:	2465 MOSSWOOD LN
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-420-3685
Contact Fax:	Not reported
Contact Email:	NGDKI@GLEW.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2465 MOSSWOOD LN
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Neal Glew
Owner Type:	Other
Operator Name:	Neal Glew
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEAL GLEW (Continued)

1027461032

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221016
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NEAL GLEW	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2465 MOSSWOOD LN
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-420-3685
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEAL GLEW	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2465 MOSSWOOD LN
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-420-3685
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEAL GLEW (Continued)

1027461032

Historic Generators:

Receive Date:	20221013
Handler Name:	NEAL GLEW
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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12
 ENE
 < 1/8
 0.110 mi.
 582 ft.

PILAR FERRER
2521 PALMDALE CT
SANTA CLARA, CA 95010

RCRA NonGen / NLR

1027455682
CAC003193859

Relative:
Higher
Actual:
56 ft.

RCRA Listings:

Date Form Received by Agency:	20220908
Handler Name:	Pilar Ferrer
Handler Address:	2521 PALMDALE CT
Handler City,State,Zip:	SANTA CLARA, CA 95010
EPA ID:	CAC003193859
Contact Name:	PILAR FERRER
Contact Address:	2521 PALMDALE CT
Contact City,State,Zip:	SANTA CLARA, CA 95010
Contact Telephone:	858-722-9530
Contact Fax:	Not reported
Contact Email:	ALEJANDRA@8884ABATEMENT.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2521 PALMDALE CT
Mailing City,State,Zip:	SANTA CLARA, CA 95010
Owner Name:	Pilar Ferrer

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PILAR FERRER (Continued)

1027455682

Owner Type:	Other
Operator Name:	Pilar Ferrer
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PILAR FERRER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2521 PALMDALE CT
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95010
Owner/Operator Telephone:	858-722-9530
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PILAR FERRER (Continued)

1027455682

Owner/Operator Indicator: Operator
Owner/Operator Name: PILAR FERRER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2521 PALMDALE CT
Owner/Operator City,State,Zip: SANTA CLARA, CA 95010
Owner/Operator Telephone: 858-722-9530
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220908
Handler Name: PILAR FERRER
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

E13
SE
< 1/8
0.120 mi.
633 ft.

BARATAS SHELL
2523 GALLUP DR
SANTA CLARA, CA 95051

Site 1 of 2 in cluster E

Relative:
Lower

EDR Hist Auto

Actual:
53 ft.

Year: Name:
1991 BARATAS SHELL
1992 BARATAS SHELL

Type:
Gasoline Service Stations
Gasoline Service Stations

EDR Hist Auto 1022011420
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDRA DAILEY (Continued)

1027515796

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20221213
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: SANDRA DAILEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2533 GALLUP DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-398-8044
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SANDRA DAILEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2533 GALLUP DRIVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-398-8044
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20221208
Handler Name: SANDRA DAILEY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANDRA DAILEY (Continued)

1027515796

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D15
South
1/8-1/4
0.129 mi.
682 ft.

SEUNGKYU OH
2632 TARTAN DRIVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1027451878
CAC003189810

Site 2 of 2 in cluster D

Relative:
Higher
Actual:
58 ft.

RCRA Listings:
 Date Form Received by Agency: 20220812
 Handler Name: Seungkyu Oh
 Handler Address: 2632 TARTAN DRIVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC003189810
 Contact Name: SEUNGKYU OH
 Contact Address: 2632 TARTAN DRIVE
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 650-502-0595
 Contact Fax: Not reported
 Contact Email: OKSKOSK@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2632 TARTAN DRIVE
 Mailing City,State,Zip: SANTA CLARA, CA 95051
 Owner Name: Seungkyu Oh
 Owner Type: Other
 Operator Name: Seungkyu Oh
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEUNGKYU OH (Continued)

1027451878

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220815
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: SEUNGKYU OH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2632 TARTAN DRIVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	650-502-0595
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SEUNGKYU OH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2632 TARTAN DRIVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	650-502-0595
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SEUNGKYU OH (Continued)

1027451878

Historic Generators:

Receive Date:	20220812
Handler Name:	SEUNGKYU OH
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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F16
SSW
1/8-1/4
0.158 mi.
832 ft.

VIDYA JIDDIMANI
2242 BOWERS AVENUE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1024769533
CAC002989424

Site 1 of 2 in cluster F

Relative:
Higher
Actual:
59 ft.

RCRA Listings:

Date Form Received by Agency:	20181115
Handler Name:	Vidya Jiddimani
Handler Address:	2242 BOWERS AVENUE
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC002989424
Contact Name:	VIDYA JIDDIMANI
Contact Address:	2242 BOWERS AVENUE
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-876-0854
Contact Fax:	Not reported
Contact Email:	SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2242 BOWERS AVENUE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Vidya Jiddimani

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VIDYA JIDDIMANI (Continued)

1024769533

Owner Type:	Other
Operator Name:	Vidya Jiddimani
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181120
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VIDYA JIDDIMANI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2242 BOWERS AVENUE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-876-0854
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VIDYA JIDDIMANI (Continued)

1024769533

Owner/Operator Indicator: Owner
Owner/Operator Name: VIDYA JIDDIMANI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2242 BOWERS AVENUE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-876-0854
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20181115
Handler Name: VIDYA JIDDIMANI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

17
East
1/8-1/4
0.160 mi.
844 ft.

GAYLE SCHULTZ
2459 LOMA VISTA LANE
SANTA CLARA, CA 95051

RCRA NonGen / NLR 1027082182
CAC003154282

Relative:
Higher
Actual:
55 ft.

RCRA Listings:

Date Form Received by Agency: 20211227
Handler Name: Gayle Schultz
Handler Address: 2459 LOMA VISTA LANE
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAC003154282
Contact Name: GAYLE SCHULTZ
Contact Address: 2459 LOMA VISTA LANE
Contact City,State,Zip: SANTA CLARA, CA 95051
Contact Telephone: 408-505-6389
Contact Fax: Not reported
Contact Email: GAYLEMSCHULTZ@GMAIL.COM
Contact Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLE SCHULTZ (Continued)

1027082182

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2459 LOMA VISTA LANE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Gayle Schultz
Owner Type:	Other
Operator Name:	Gayle Schultz
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211227
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLE SCHULTZ (Continued)

1027082182

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GAYLE SCHULTZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2459 LOMA VISTA LANE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-505-6389
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GAYLE SCHULTZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2459 LOMA VISTA LANE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-505-6389
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20211227
Handler Name:	GAYLE SCHULTZ
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARRIS TECHNOLOGY INC (Continued)

1026056165

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20200210
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: LINDA POWERS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2450 WALSH AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-425-3732
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARRIS TECHNOLOGY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3871 LAKEFIELD DR
Owner/Operator City,State,Zip: SUWANNE, GA 30024
Owner/Operator Telephone: 678-473-2907
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200130
Handler Name: ARRIS TECHNOLOGY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARRIS TECHNOLOGY INC (Continued)

1026056165

List of NAICS Codes and Descriptions:

NAICS Code: 334515
 NAICS Description: INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G19
NNE
1/8-1/4
0.178 mi.
942 ft.

SANTA CLARA
2500 WALSH AVE
SANTA CLARA, CA 95051
Site 2 of 6 in cluster G

CA CERS HAZ WASTE **S128623184**
N/A

Relative:
Lower

CERS HAZ WASTE:

Name: SANTA CLARA
 Address: 2500 WALSH AVE
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 418908
 CERS ID: 10726873
 CERS Description: Hazardous Waste Generator

Actual:
52 ft.

Affiliation:

Affiliation Type Desc: Environmental Contact
 Entity Name: Amanda Lewis
 Entity Title: Not reported
 Affiliation Address: 6450 Sequence Drive
 Affiliation City: San Diego
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 92121
 Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
 Entity Name: Amanda Lewis
 Entity Title: EHS Manager
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
 Entity Name: Amanda Lewis
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA (Continued)

S128623184

Affiliation Type Desc: Operator
Entity Name: ARRIS Technology, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 235-5501,

Affiliation Type Desc: Parent Corporation
Entity Name: ARRIS Group, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: SIR Santa Clara (Walsh) L.P.
Entity Title: Not reported
Affiliation Address: 255 Washington Street, Suite 300
Affiliation City: Newton
Affiliation State: MA
Affiliation Country: United States
Affiliation Zip: 02458
Affiliation Phone: (510) 573-6882,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2450 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Legal Owner
Entity Name: ARRIS Technology, Inc
Entity Title: Not reported
Affiliation Address: 2450 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: United States

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA CLARA (Continued)

S128623184

Affiliation Zip: 95051
 Affiliation Phone: (678) 473-2907,

H20
SSE
1/8-1/4
0.185 mi.
977 ft.

DEEPA MANOJ
2550 MONROE STREET
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1024778287
CAC002998231

Site 1 of 3 in cluster H

Relative:
Higher

Actual:
58 ft.

RCRA Listings:	20190125
Date Form Received by Agency:	20190125
Handler Name:	Deepa Manoj
Handler Address:	2550 MONROE STREET
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC002998231
Contact Name:	DEEPA MANOJ
Contact Address:	2550 MONROE STREET
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-329-3409
Contact Fax:	Not reported
Contact Email:	NICOLE@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2550 MONROE STREET
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Deepa Manoj
Owner Type:	Other
Operator Name:	Deepa Manoj
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEEPA MANOJ (Continued)

1024778287

Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20190222
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DEEPA MANOJ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2550 MONROE STREET
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-329-3409
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DEEPA MANOJ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2550 MONROE STREET
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-329-3409
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20190125
Handler Name: DEEPA MANOJ
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEEPA MANOJ (Continued)

1024778287

Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G21
NNE
1/8-1/4
0.191 mi.
1010 ft.

DPSS LASERS INC
SANTA CLARA, CA
Site 3 of 6 in cluster G

PFAS ECHO 1027352867
N/A

Relative:
Lower
Actual:
51 ft.

PFAS ECHO:
 Name: DPSS LASERS INC
 Address: Not reported
 City,State,Zip: SANTA CLARA, CA
 Latitude: 37.370364
 Longitude: -121.971649
 Count: 1
 County: SANTA CLARA
 Status: Active
 Region: 09
 Industry: Electronics Industry
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110055850690>
 Facility Percent Minority: 66.245
 Facility Derived Tribes: -
 Facility Population: 6107.16
 EPA Programs: RCRA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 06085
 Facility Indian Country Flag: N
 Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
 Facility Derived HUC: 18050003
 Facility Derived WBD: 180500030402
 Facility Derived CD113: 17
 Facility Derived CB2010: 060855052023093
 Facility Major Flag: -
 Facility Active Flag: Y
 Facility Inspection Count: 0
 Facility Date Last Inspection: -
 Facility Days Last Inspection: -
 Facility Informal Count: 0
 Facility Date Last Informal Action: -
 Facility Formal Action Count: 0
 Facility Date Last Formal Action: -

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DPSS LASERS INC (Continued)

1027352867

Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAL000292045
RCRA Permit Types:	Other
RCRA NAICS:	335999
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-121.971649,%22y%22:37.370364,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

F22
SSW
1/8-1/4
0.194 mi.
1024 ft.

PAUL SIGN
2730 MONROE STREET
SANTA CLARA, CA 95051
Site 2 of 2 in cluster F

RCRA NonGen / NLR **1027205305**
CAC003169361

Relative:
Higher
Actual:
60 ft.

RCRA Listings:	
Date Form Received by Agency:	20220401
Handler Name:	Paul Sign
Handler Address:	2730 MONROE STREET
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC003169361
Contact Name:	PAUL SIGN
Contact Address:	2730 MONROE STREET
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-646-5797
Contact Fax:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAUL SIGN (Continued)

1027205305

Contact Email:	DUBAI.JEWELERS@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2730 MONROE STREET
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Paul Sign
Owner Type:	Other
Operator Name:	Paul Sign
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220405
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAUL SIGN (Continued)

1027205305

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAUL SIGN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2730 MONROE STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-646-5797
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PAUL SIGN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2730 MONROE STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-646-5797
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220401
Handler Name:	PAUL SIGN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL DIAGNOSTIC TECHNOLOGY (Continued)

1000217030

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20020627
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: WHITTAKER MA BIOPRODUCTS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: INTERNATIONAL DIAGNOSTIC TECHNOLOGY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL DIAGNOSTIC TECHNOLOGY (Continued)

1000217030

Receive Date: 19810707
Handler Name: INTERNATIONAL DIAGNOSTIC TECHNOLOGY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002655788

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000217030
Registry ID: 110002655788
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002655788>
Name: INTERNATIONAL DIAGNOSTIC TECHNOLOGY
Address: 2552 WALSH AVE.
City,State,Zip: SANTA CLARA, CA 95051

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J24
NE
1/8-1/4
0.195 mi.
1031 ft.

HARRIS SEMICONDUCTOR
2450 WALSH AVE
SANTA CLARA, CA 95051

Site 1 of 10 in cluster J

RCRA-SQG 1000362648
FINDS CAD982520652
ECHO

Relative:
Lower
Actual:
52 ft.

RCRA Listings:	
Date Form Received by Agency:	19890515
Handler Name:	Harris Semiconductor
Handler Address:	2450 WALSH AVE
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAD982520652
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2450 WALSH AVE
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-996-5191
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	WALSH AVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Harris Intersil
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARRIS SEMICONDUCTOR (Continued)

1000362648

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20000915
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HARRIS INTERSIL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19890515
Handler Name: HARRIS SEMICONDUCTOR
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HARRIS SEMICONDUCTOR (Continued)

1000362648

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

FINDS:
 Registry ID: 110002840542

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1000362648
 Registry ID: 110002840542
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002840542>
 Name: HARRIS SEMICONDUCTOR
 Address: 2450 WALSH AVE
 City,State,Zip: SANTA CLARA, CA 95051

J25
 NE
 1/8-1/4
 0.195 mi.
 1031 ft.

ARRIS GROUP INC
2450 WALSH AVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1024838847
CAL000386207

Site 2 of 10 in cluster J

Relative:
 Lower
 Actual:
 52 ft.

RCRA Listings:
 Date Form Received by Agency: 20130613
 Handler Name: Arris Group Inc
 Handler Address: 2450 WALSH AVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAL000386207
 Contact Name: SUSAN SCHWARTZ
 Contact Address: 6450 SEQUENCE DR
 Contact City,State,Zip: SAN DIEGO, CA 92121
 Contact Telephone: 619-606-6082
 Contact Fax: Not reported
 Contact Email: SUSAN.SCHWARTZ@ARRIS.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ARRIS GROUP INC (Continued)

1024838847

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6450 SEQUENCE DR
Mailing City,State,Zip:	SAN DIEGO, CA 92121
Owner Name:	Arris Group Inc
Owner Type:	Other
Operator Name:	Susan Schwartz
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name: ARRIS GROUP INC	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ARRIS GROUP INC (Continued)

1024838847

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3871 LAKEFIELD DR
Owner/Operator City,State,Zip: SUWANEE, GA 90024
Owner/Operator Telephone: 678-473-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SUSAN SCHWARTZ
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 6450 SEQUENCE DR
Owner/Operator City,State,Zip: SAN DIEGO, CA 92121
Owner/Operator Telephone: 619-606-6082
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20130613
Handler Name: ARRIS GROUP INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 33422
NAICS Description: RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS
EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I26
NNE
1/8-1/4
0.197 mi.
1040 ft.

VANTAGE DATA CENTERS CA12 DATA CENTER
2565 WALSH AVE
SANTA CLARA, CA 95051

CA CERS TANKS
CA CERS

S121749042
N/A

Site 2 of 3 in cluster I

Relative:
Lower
Actual:
51 ft.

CERS TANKS:
Name: VANTAGE DATA CENTERS CA12 DATA CENTER
Address: 2565 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 165948
CERS ID: 10468246
CERS Description: Aboveground Petroleum Storage

CERS:
Name: VANTAGE DATA CENTERS CA12 DATA CENTER
Address: 2565 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 165948
CERS ID: 10468246
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VANTAGE DATA CENTERS CA12 DATA CENTER (Continued)

S121749042

Coordinates:

Site ID: 165948
Facility Name: Vantage Data Centers CA12 Data Center
Env Int Type Code: HMBP
Program ID: 10468246
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.371260
Longitude: -121.972650

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Matthew Silvers
Entity Title: Not reported
Affiliation Address: 2565 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Vantage Data Centers Management Company LLC
Entity Title: Not reported
Affiliation Address: 2565 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95051
Affiliation Phone: (408) 215-7300,

Affiliation Type Desc: Document Preparer
Entity Name: Mike Sonke - ATCGS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2565 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Vantage Data Centers CA12 Data Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VANTAGE DATA CENTERS CA12 DATA CENTER (Continued)

S121749042

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 215-7300,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Identification Signer
Entity Name: Matthew Silvers
Entity Title: Senior Director of Site Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Vantage Data Centers 4 LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

I27
NNE
1/8-1/4
0.197 mi.
1040 ft.

VANTAGE DATA CENTERS 4 LLC
2565 WALSH AVE
SANTA CLARA, CA 95051

CA AST A100425833
N/A

Site 3 of 3 in cluster I

Relative:
Lower
Actual:
51 ft.

AST:
Name: VANTAGE DATA CENTERS 4 LLC
Address: 2565 WALSH AVE
City/Zip: SANTA CLARA,95051
Certified Unified Program Agencies: Not reported
Owner: Vantage Data Centers Management Company LLC
Total Gallons: Not reported
CERSID: 10468246
Facility ID: 43-010-701997
Business Name: Vantage Data Centers 4 LLC
Phone: 408-215-7300
Fax: 208-716-2529
Mailing Address: 2565 Walsh Ave
Mailing Address City: Santa Clara
Mailing Address State: CA
Mailing Address Zip Code: 95051

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VANTAGE DATA CENTERS 4 LLC (Continued)

A100425833

Operator Name: Vantage Data Centers Management Company LLC
 Operator Phone: 408-215-7300
 Owner Phone: 408-215-7300
 Owner Mail Address: 2565 Walsh Ave
 Owner State: CA
 Owner Zip Code: 95051
 Owner Country: United States
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

28
SSW
1/8-1/4
0.207 mi.
1095 ft.

HUANG, THIEN
2780 MONROE STREET
SANTA CLARA, CA 95051

RCRA NonGen / NLR 1024776221
CAC002996156

Relative:
Higher
Actual:
61 ft.

RCRA Listings:
 Date Form Received by Agency: 20190111
 Handler Name: Huang, Thien
 Handler Address: 2780 MONROE STREET
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC002996156
 Contact Name: HUANG, THIEN
 Contact Address: 2780 MONROE STREET
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 408-448-7594
 Contact Fax: 510-651-7702
 Contact Email: MICKIEL@PWSEI.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2780 MONROE STREET
 Mailing City,State,Zip: SANTA CLARA, CA 95051
 Owner Name: Huang, Thien
 Owner Type: Other
 Operator Name: Huang, Thien
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUANG, THIEN (Continued)

1024776221

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190222
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: HUANG, THIEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2780 MONROE STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-448-7594
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HUANG, THIEN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2780 MONROE STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-448-7594
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUANG, THIEN (Continued)

1024776221

Owner/Operator Email: Not reported

Historic Generators:
 Receive Date: 20190111
 Handler Name: HUANG, THIEN
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

G29
NE
1/8-1/4
0.209 mi.
1102 ft.

M B C ENGINEERING#
2501 WALSH
SANTA CLARA, CA 95050
Site 4 of 6 in cluster G

RCRA-SQG 1000105818
FINDS CAD049226897
ECHO

Relative:
Lower
Actual:
51 ft.

RCRA Listings:
 Date Form Received by Agency: 19960901
 Handler Name: M B C Engineering#
 Handler Address: 2501 WALSH
 Handler City,State,Zip: SANTA CLARA, CA 95050
 EPA ID: CAD049226897
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 2
 Mailing Address: WALSH

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M B C ENGINEERING# (Continued)

1000105818

Mailing City,State,Zip:	SANTA CLARA, CA 95050
Owner Name:	Hbc Engineering Inc.
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HBC ENGINEERING INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M B C ENGINEERING# (Continued)

1000105818

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: M B C ENGINEERING#
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002647538

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M B C ENGINEERING# (Continued)

1000105818

ECHO:

Envid: 1000105818
 Registry ID: 110002647538
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002647538>
 Name: M B C ENGINEERING#
 Address: 2501 WALSH
 City,State,Zip: SANTA CLARA, CA 95050

G30
NE
1/8-1/4
0.209 mi.
1102 ft.

DPSS LASERS INC
2525 WALSH AVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1024810878
CAL000292045

Site 5 of 6 in cluster G

Relative:
Lower
Actual:
51 ft.

RCRA Listings:

Date Form Received by Agency:	20050310
Handler Name:	Dpss Lasers Inc
Handler Address:	2525 WALSH AVE
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAL000292045
Contact Name:	ALEX LAYMON
Contact Address:	2525 WALSH AVE
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-988-4300
Contact Fax:	408-988-4305
Contact Email:	ALAYMON@DPSS-LASERS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2525 WALSH AVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051-0000
Owner Name:	Dpss Lasers Inc
Owner Type:	Other
Operator Name:	Alex Laymon
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS INC (Continued)

1024810878

Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRAs Permit Baseline: Not on the Baseline
2018 GPRAs Renewals Baseline: Not on the Baseline
202 GPRAs Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180905
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: DPSS LASERS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2525 WALSH AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051-0000
Owner/Operator Telephone: 408-988-4300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALEX LAYMON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2525 WALSH AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-988-4300
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20050310
Handler Name: DPSS LASERS INC
Federal Waste Generator Description: Not a generator, verified

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DPSS LASERS INC (Continued)

1024810878

State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	335999
NAICS Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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G31
NE
1/8-1/4
0.209 mi.
1102 ft.

DPSS LASERS, INC.
2525 WALSH AVE
SANTA CLARA, CA 95051
Site 6 of 6 in cluster G

CA CERS HAZ WASTE **S121739259**
CA CERS **N/A**

Relative:
Lower
Actual:
51 ft.

CERS HAZ WASTE:	
Name:	DPSS LASERS, INC.
Address:	2525 WALSH AVE
City,State,Zip:	SANTA CLARA, CA 95051
Site ID:	112579
CERS ID:	10087924
CERS Description:	Hazardous Waste Generator

CERS:	
Name:	DPSS LASERS, INC.
Address:	2525 WALSH AVE
City,State,Zip:	SANTA CLARA, CA 95051
Site ID:	112579
CERS ID:	10087924
CERS Description:	Chemical Storage Facilities

Violations:	
Site ID:	112579
Site Name:	DPSS Lasers, Inc.
Violation Date:	12-13-2018
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Post in lobby by receptionist

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 01/11/2019. Annually submit
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .
Violation Notes: Fluorescent lights
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Annual training required for person handling waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.

Violation Notes: Not reported
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 01/11/2019. NEEed to upload site map
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 01/11/2019. Update inventory to include N2 and acetylene . Remove all others under 55 gals
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description: Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes: Weekly inspection required to be logged. Label "Hazardous Waste Storage"
Violation Division: Santa Clara City Fire Department
Violation Program: HW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-02-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 08/21/2020.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 01/11/2019. Submit online in CERS
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Maximum is 180 days . In 2018, there is only one receipt.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 01/11/2019.
Violation Division: Santa Clara City Fire Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 112579
Site Name: DPSS Lasers, Inc.
Violation Date: 12-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 01/11/2019. Missing emergency plans and employee training
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-21-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-21-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2018
Violations Found: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 112579
Facility Name: DPSS Lasers, Inc.
Env Int Type Code: HMBP
Program ID: 10087924
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.370529
Longitude: -121.970932

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Alex Laymon
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Alex Laymon
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 988-4300,

Affiliation Type Desc: Legal Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Entity Name: Alex Laymon
Entity Title: Not reported
Affiliation Address: 2525 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95051
Affiliation Phone: (408) 988-4300,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Property Owner
Entity Name: Arthur Wang
Entity Title: Not reported
Affiliation Address: 2701 Northwestern Parkway
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95051
Affiliation Phone: (408) 986-9838,

Affiliation Type Desc: Document Preparer
Entity Name: Alex Laymon
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Same as above
Entity Title: Not reported
Affiliation Address: 2525 Walsh Avenue
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2525 Walsh Avenue
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DPSS LASERS, INC. (Continued)

S121739259

Affiliation Phone: ,
 Affiliation Type Desc: Parent Corporation
 Entity Name: DPSS Lasers, Inc.
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

K32
North
1/8-1/4
0.212 mi.
1119 ft.

MIASOLE HI-TECH
2590 WALSH AVE
SANTA CLARA, CA 95051

RCRA-LQG 1001023043
CAR000003947

Site 1 of 6 in cluster K

Relative:
Lower
Actual:
49 ft.

RCRA Listings: 20220301
 Date Form Received by Agency: Miasole Hi-Tech
 Handler Name: 2590 WALSH AVE
 Handler Address: SANTA CLARA, CA 95051
 Handler City,State,Zip: CAR000003947
 EPA ID: MIKE MA
 Contact Name: SCOTT BLVD STE 201
 Contact Address: SANTA CLARA, CA 95054
 Contact City,State,Zip: 408-476-2085
 Contact Telephone: 408-919-5701
 Contact Fax: MMA@MIASOLE.COM
 Contact Email: VICE PRESIDENT
 Contact Title: 09
 EPA Region: Private
 Land Type: Large Quantity Generator
 Federal Waste Generator Description: Not reported
 Non-Notifier: 2021
 Biennial Report Cycle: Not reported
 Accessibility: Handler Activities
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: SCOTT BLVD STE 201
 Mailing City,State,Zip: SANTA CLARA, CA 95054
 Owner Name: Stephens And Stephens Walsh Lic
 Owner Type: Private
 Operator Name: Miasole Hi Tech
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220629
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2021

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U218
Waste Description: ETHANETHIOAMIDE (OR) THIOACETAMIDE

Waste Code: U219
Waste Description: THIOUREA

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MIASOLE HI TECH
Legal Status: Private
Date Became Current: 20130101
Date Ended Current: Not reported
Owner/Operator Address: 3211 SCOTT BLVD STE 201
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-476-2085
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MMA@MIASOLE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MIASOLE HI TECH
Legal Status: Private
Date Became Current: 20130101
Date Ended Current: Not reported
Owner/Operator Address: 3211 SCOTT BLVD STE 201
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-476-2085
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DR STEPHENS
Legal Status: Private
Date Became Current: 20070101
Date Ended Current: Not reported
Owner/Operator Address: 465 CALIFORNIA ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94104
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MIASOLE
Legal Status: Private
Date Became Current: 20061001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEPHENS AND STEPHENS WALSH LLC
Legal Status:	Private
Date Became Current:	20130301
Date Ended Current:	Not reported
Owner/Operator Address:	465 CALIFORNIA ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94104
Owner/Operator Telephone:	415-781-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIASOLE HI TECH
Legal Status:	Private
Date Became Current:	20130101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEPHENS AND STEPHENS WALSH LLC
Legal Status:	Private
Date Became Current:	20130301
Date Ended Current:	Not reported
Owner/Operator Address:	465 CALIFORNIA ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94104
Owner/Operator Telephone:	415-781-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEPHENS AND STEPHENS WALSH LLC
Legal Status:	Private
Date Became Current:	20130301
Date Ended Current:	Not reported
Owner/Operator Address:	465 CALIFORNIA ST
Owner/Operator City,State,Zip:	SAN FRANCISCO, CA 94104
Owner/Operator Telephone:	415-781-8000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NKAPRANOS@DRSTEPHENS.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STRYKER ENDOSCOPY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Owner/Operator Address: 2590 WALSH AVE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-567-9100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220301
Handler Name: MIASOLE HI-TECH
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220111
Handler Name: MIASOLE HI-TECH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20021021
Handler Name: STRYKER ENDOSCOPY
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080805
Handler Name: MIASOLE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIASOLE HI-TECH (Continued)

1001023043

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20140611
Handler Name:	MIASOLE HI TECH
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	334413
NAICS Description:	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING
NAICS Code:	335999
NAICS Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
NAICS Code:	541330
NAICS Description:	ENGINEERING SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

K33
North
1/8-1/4
0.212 mi.
1119 ft.

MIASOLE
2590 WALSH AVE
SANTA CLARA, CA 95051
Site 2 of 6 in cluster K

RCRA-LQG **1012175761**
CA HAZNET **CAL000307123**
CA HWTS

Relative:
Lower
Actual:
49 ft.

RCRA Listings:	
Date Form Received by Agency:	20080520
Handler Name:	Miasole
Handler Address:	2590 WALSH AVE
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAL000307123
Contact Name:	BRAD FERKOL
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	408-919-5613
Contact Fax:	Not reported
Contact Email:	BFERKOL@MIASOLE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIASOLE (Continued)

1012175761

Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2590 WALSH AVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Dr Stephens
Owner Type:	Private
Operator Name:	Miasole
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
 Year:

2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: MIASOLE
Legal Status: Private
Date Became Current: 20051101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DR STEPHENS
Legal Status: Private
Date Became Current: 20070201
Date Ended Current: Not reported
Owner/Operator Address: 465 CALIFORNIA STREET, 330
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94104
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20080520
Handler Name: MIASOLE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HAZNET:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Name:	MIASOLE
Address:	2590 WALSH AVE
Address 2:	Not reported
City,State,Zip:	SANTA CLARA, CA 950511315
Contact:	PAUL WIEMANN
Telephone:	4089195796
Mailing Name:	Not reported
Mailing Address:	2590 WALSH AVE
Year:	2013
Gepaid:	CAL000307123
TSD EPA ID:	CAD980675276
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	7.22
Year:	2012
Gepaid:	CAL000307123
TSD EPA ID:	CAD980675276
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	198
Year:	2012
Gepaid:	CAL000307123
TSD EPA ID:	CAD059494310
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	22
Year:	2012
Gepaid:	CAL000307123
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.53801
Year:	2011
Gepaid:	CAL000307123
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	5.225
Year:	2011
Gepaid:	CAL000307123
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	-
Tons:	0.4251
Year:	2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Gepaid: CAL000307123
TSD EPA ID: CAD097030993
CA Waste Code: 711 - Liquids with cyanides >= 1,000 Mg/L
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 10.21233

Year: 2008
Gepaid: CAL000307123
TSD EPA ID: CAT080014079
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0075

Year: 2008
Gepaid: CAL000307123
TSD EPA ID: CAD008302903
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.025

Year: 2008
Gepaid: CAL000307123
TSD EPA ID: CAD008302903
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0375

[Click this hyperlink](#) while viewing on your computer to access 40 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2013
Gen EPA ID: CAL000307123

Shipment Date: 20130428
Creation Date: 7/9/2013 22:15:12
Receipt Date: 20130429
Manifest ID: 005255796FLE
Trans EPA ID: CAR000224568
Trans Name: BRADLEY TANKS, INC.
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 7.22
Waste Quantity: 14440

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAL000307123

Shipment Date: 20120711
Creation Date: 10/10/2012 22:15:09
Receipt Date: 20120731
Manifest ID: 005616320FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.10751
Waste Quantity: 1005
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120411
Creation Date: 8/3/2012 22:15:13
Receipt Date: 20120430
Manifest ID: 005221220FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRO
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.609
Waste Quantity: 1218
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120411
Creation Date:	8/3/2012 22:15:13
Receipt Date:	20120430
Manifest ID:	005221220FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.234
Waste Quantity:	468
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120309
Creation Date:	5/10/2012 20:30:12
Receipt Date:	20120309
Manifest ID:	005255800FLE
Trans EPA ID:	CAR000173872
Trans Name:	J TORRES COMPANY INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	22
Waste Quantity:	44000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120308
Creation Date:	5/22/2012 20:30:10
Receipt Date:	20120308

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Manifest ID: 005255799FLE
Trans EPA ID: CAR000173872
Trans Name: J TORRES COMPANY INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 22
Waste Quantity: 44000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20120307
Creation Date: 5/22/2012 20:30:10
Receipt Date: 20120307
Manifest ID: 005255798FLE
Trans EPA ID: CAR000173872
Trans Name: J TORRES COMPANY INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 22
Waste Quantity: 44000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20120307
Creation Date: 5/22/2012 20:30:10
Receipt Date: 20120307
Manifest ID: 005255797FLE
Trans EPA ID: CAR000173872
Trans Name: J TORRES COMPANY INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	22
Waste Quantity:	44000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120306
Creation Date:	5/4/2012 20:30:09
Receipt Date:	20120306
Manifest ID:	005255677FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000173872
Trans 2 Name:	J TORRES CO
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	22
Waste Quantity:	44000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120306
Creation Date:	5/4/2012 20:30:09
Receipt Date:	20120306
Manifest ID:	005255676FLE
Trans EPA ID:	CAR000173872
Trans Name:	J TORRES CO INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	22

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Waste Quantity: 44000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120302
Creation Date: 5/4/2012 20:30:09
Receipt Date: 20120302
Manifest ID: 005255675FLE
Trans EPA ID: CAR000173872
Trans Name: J TORRES CO
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 22
Waste Quantity: 44000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAL000307123

Shipment Date: 20111114
Creation Date: 7/19/2012 22:00:24
Receipt Date: 20111202
Manifest ID: 004868754FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111114
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20111202
Manifest ID:	004868754FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111005
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111014
Manifest ID:	004870601FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111005
Creation Date:	7/19/2012 22:00:21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Receipt Date: 20111014
Manifest ID: 004870601FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111005
Creation Date: 7/19/2012 22:00:21
Receipt Date: 20111014
Manifest ID: 004870601FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SERVICES
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110622
Creation Date: 5/17/2013 22:15:06
Receipt Date: Not reported
Manifest ID: 004404124FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D010
Meth Code:	- Not reported
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110622
Creation Date:	5/17/2013 22:15:06
Receipt Date:	Not reported
Manifest ID:	004404124FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110427
Creation Date:	7/19/2012 22:00:08
Receipt Date:	20110509
Manifest ID:	004769843FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110427
Creation Date: 7/19/2012 22:00:08
Receipt Date: 20110509
Manifest ID: 004769843FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110119
Creation Date: 5/19/2011 18:30:18
Receipt Date: 20110207
Manifest ID: 004439130FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CHES
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Additional Info:

Year:	2008
Gen EPA ID:	CAL000307123
Shipment Date:	20081104
Creation Date:	1/15/2009 18:30:08
Receipt Date:	20081106
Manifest ID:	000256715VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	727 - Liquids with selenium > 100 mg/l
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081104
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000256715VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081104
Creation Date:	1/15/2009 18:30:08
Receipt Date:	20081106
Manifest ID:	000256715VES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081104
Creation Date: 1/15/2009 18:30:08
Receipt Date: 20081106
Manifest ID: 000256715VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D006
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081104
Creation Date: 1/9/2009 18:30:26
Receipt Date: 20081112
Manifest ID: 000256716VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081104
Creation Date: 1/9/2009 18:30:26
Receipt Date: 20081112
Manifest ID: 000256716VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.055
Waste Quantity: 110
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081104
Creation Date: 1/15/2009 18:30:08
Receipt Date: 20081106
Manifest ID: 000256715VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081017
Creation Date:	12/10/2008 18:30:18
Receipt Date:	20081022
Manifest ID:	000256641VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081007
Creation Date:	12/16/2008 18:30:20
Receipt Date:	20081015
Manifest ID:	000256566VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Shipment Date: 20081007
Creation Date: 12/16/2008 18:30:20
Receipt Date: 20081015
Manifest ID: 000256566VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 351 - Organic solids with halogens
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F002
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2007
Gen EPA ID: CAL000307123

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:27
Receipt Date: 20071207
Manifest ID: 000245556VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: U220
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:27
Receipt Date: 20071207

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Manifest ID: 000245556VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:27
Receipt Date: 20071207
Manifest ID: 000245556VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.9
Waste Quantity: 1800
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:27
Receipt Date: 20071207
Manifest ID: 000245556VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:14
Receipt Date: 20071205
Manifest ID: 000245557VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: 3/5/2008 18:30:14
Receipt Date: 20071205
Manifest ID: 000245557VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D010
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.04
Waste Quantity: 80

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071204
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000245556VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.2
Waste Quantity: 400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071113
Creation Date: 2/29/2008 18:30:38
Receipt Date: 20071115
Manifest ID: 000245787VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1125
Waste Quantity: 225
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071113

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1012175761

Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000245786VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071113
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000245786VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1125
Waste Quantity: 225
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: MIASOLE
Address: 2590 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAL000307123
Inactive Date: 08/05/2009
Create Date: 05/22/2006

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIASOLE (Continued)

1012175761

Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 2590 WALSH AVE
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SANTA CLARA, CA 950511315
 Owner Name: MIASOLE
 Owner Address: 2590 WALSH AVE
 Owner Address 2: Not reported
 Owner City,State,Zip: SANTA CLARA, CA 950511315
 Contact Name: GARY WINSLOW
 Contact Address: 2590 WALSH AVE
 Contact Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 950511315
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 37.371223
 Longitude: -121.974017

NAICS:

EPA ID: CAL000307123
 Create Date: 2006-05-22 10:13:58.763
 NAICS Code: 334413
 NAICS Description: Semiconductor and Related Device Manufacturing
 Issued EPA ID Date: 2006-05-22 10:13:58.70000
 Inactive Date: 2009-08-05 00:00:00
 Facility Name: MIASOLE
 Facility Address: 2590 WALSH AVE
 Facility Address 2: Not reported
 Facility City: SANTA CLARA
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 950511315

K34
North
1/8-1/4
0.212 mi.
1119 ft.

VANTAGE DATA CENTERS CA31, LLC
2590 WALSH AVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1027457099
CAC003195360

Site 3 of 6 in cluster K

Relative:
Lower
Actual:
49 ft.

RCRA Listings:
 Date Form Received by Agency: 20220919
 Handler Name: Vantage Data Centers Ca31, Llc
 Handler Address: 2590 WALSH AVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC003195360
 Contact Name: SIMON CASEY
 Contact Address: 2820 NORTHWESTER PKWY
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 408-215-7780
 Contact Fax: Not reported
 Contact Email: BRANDEE@LAKESTREETVENTURES.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VANTAGE DATA CENTERS CA31, LLC (Continued)

1027457099

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2820 NORTHWESTER PKWY
Mailing City, State, Zip:	SANTA CLARA, CA 95051
Owner Name:	Vantage Data Centers Ca31, Llc
Owner Type:	Other
Operator Name:	Simon Casey
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220919
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name: SIMON CASEY	
Legal Status:	Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VANTAGE DATA CENTERS CA31, LLC (Continued)

1027457099

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2820 NORTHWESTER PKWY
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-215-7780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: VANTAGE DATA CENTERS CA31, LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2820 NORTHWESTER PKWY
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-215-7780
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20220919
Handler Name: VANTAGE DATA CENTERS CA31, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 518210
NAICS Description: COMPUTING INFRASTRUCTURE PROVIDERS, DATA PROCESSING, WEB HOSTING, AND RELATED SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K35
North
1/8-1/4
0.212 mi.
1119 ft.

VANTAGE CA31
2590 WALSH AVENUE
SANTA CLARA, CA 95051

Site 4 of 6 in cluster K

CA CUPA Listings
CA NPDES
CA CIWQS
CA CERS

S121470437
N/A

Relative:
Lower
Actual:
49 ft.

CUPA SANTA CLARA:
Name: STRYKER ENDOSCOPY
Address: 2590 WALSH AV
City,State,Zip: SANTA CLARA, CA 95051
Region: SANTA CLARA
PE#: 2251
Program Description: OBSOLETE SELF-AUDIT GEN-WASTE OIL ONLY
Program Identifier: STRYKER ENDOSCOPY-HW
Latitude: 37.371937
Longitude: -121.974769
Record ID: PR0317638
Facility ID: FA0211876

NPDES:
Name: VANTAGE CA31
Address: 2590 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43C398166
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 07/28/2022
Operator Name: Vantage Data Centers CA31
Operator Address: 2820 Northwestern Parkway
Operator City: Santa Clara
Operator State: California
Operator Zip: 95051

Name: VANTAGE CA31
Address: 2590 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Facility Status: Active
NPDES Number: CAS000002
Region: 2
Agency Number: 0
Regulatory Measure ID: 550133
Place ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VANTAGE CA31 (Continued)

S121470437

Order Number: 2009-0009-DWQ
WDID: 2 43C398166
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 07/28/2022
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2820 Northwestern Parkway
Discharge Name: Vantage Data Centers CA31
Discharge City: Santa Clara
Discharge State: California
Discharge Zip: 95051
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

CIWQS:

Name: VANTAGE CA31
Address: 2590 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Agency: Vantage Data Centers CA31
Agency Address: 2820 Northwestern Parkway, Santa Clara, CA 95051
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C398166
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 07/28/2022
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37078
Longitude: -121.9745

CERS:

Name: VANTAGE CA31
Address: 2590 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 624489
CERS ID: 904769
CERS Description: Construction Storm Water

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

H36
SSE
1/8-1/4
0.213 mi.
1125 ft.

LI, CYNTHIA
2553 ELLIOT STREET
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1027080799
CAC003152828

Site 2 of 3 in cluster H

Relative:
Higher
Actual:
58 ft.

RCRA Listings:	
Date Form Received by Agency:	20211215
Handler Name:	Li, Cynthia
Handler Address:	2553 ELLIOT STREET
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC003152828
Contact Name:	LI, CYNTHIA
Contact Address:	2553 ELLIOT STREET
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	408-266-7267
Contact Fax:	510-651-7702
Contact Email:	MICKIEL@PWSEI.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2553 ELLIOT STREET
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Li, Cynthia
Owner Type:	Other
Operator Name:	Li, Cynthia
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LI, CYNTHIA (Continued)

1027080799

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20211215
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: LI, CYNTHIA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2553 ELLIOT STREET
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-266-7267
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LI, CYNTHIA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2553 ELLIOT STREET
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-266-7267
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20211215
Handler Name: LI, CYNTHIA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LI, CYNTHIA (Continued)

1027080799

List of NAICS Codes and Descriptions:

NAICS Code: 56299
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

H37
SSE
1/8-1/4
0.218 mi.
1149 ft.

CYNTHIA LI
2533 ELLIOT STREET
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1026816793
CAC003129525

Site 3 of 3 in cluster H

Relative:
Higher
Actual:
56 ft.

RCRA Listings:

Date Form Received by Agency:	20210715
Handler Name:	Cynthia Li
Handler Address:	2533 ELLIOT STREET
Handler City,State,Zip:	SANTA CLARA, CA 95051
EPA ID:	CAC003129525
Contact Name:	CYNTHIA LI
Contact Address:	2533 ELLIOT STREET
Contact City,State,Zip:	SANTA CLARA, CA 95051
Contact Telephone:	734-604-2035
Contact Fax:	Not reported
Contact Email:	CYNTHIALIX@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2533 ELLIOT STREET
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Cynthia Li
Owner Type:	Other
Operator Name:	Cynthia Li
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CYNTHIA LI (Continued)

1026816793

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210718
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CYNTHIA LI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2533 ELLIOT STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	734-604-2035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CYNTHIA LI	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2533 ELLIOT STREET
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	734-604-2035
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYNTHIA LI (Continued)

1026816793

Historic Generators:

Receive Date: 20210715
Handler Name: CYNTHIA LI
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

J38
NE
1/8-1/4
0.223 mi.
1178 ft.

HANWHA
2424 WALSH AVE
SANTA CLARA, CA 95051
Site 3 of 10 in cluster J

RCRA-SQG 1000189608
FINDS CAD087016085
ECHO

Relative:
Lower
Actual:
52 ft.

RCRA Listings:

Date Form Received by Agency: 20150127
Handler Name: Qmat Inc
Handler Address: 2424 WALSH AVE
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD087016085
Contact Name: PHILIP ONG
Contact Address: 2424 WALSH AVE
Contact City,State,Zip: SANTA CLARA, CA 95051
Contact Telephone: 408-228-5870
Contact Fax: Not reported
Contact Email: PONG@QMATINC.COM
Contact Title: V P OPS
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 2424 WALSH AVENUE
Mailing City,State,Zip: SANTA CLARA, CA 95051
Owner Name: Sfi Central Corridor Llc

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HANWHA (Continued)

1000189608

Owner Type:	Private
Operator Name:	Qmat Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150205
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANWHA (Continued)

1000189608

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: HANWHA SOLAR AMERICA LLC
Legal Status: Private
Date Became Current: 20110601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HANWHA SOLAR AMERICA LLC
Legal Status: Private
Date Became Current: 20110601
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL AND CORDIS CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SFI CENTRAL CORRIDOR LLC
Legal Status: Private
Date Became Current: 20140630
Date Ended Current: Not reported
Owner/Operator Address: 260 CALIFORNIA ST
Owner/Operator City,State,Zip: SAN FRANCISCO, CA 94111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANWHA (Continued)

1000189608

Owner/Operator Telephone: 415-395-9701
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SILICON VALLEY CA I LLC CO RREEF
Legal Status: Private
Date Became Current: 20060428
Date Ended Current: Not reported
Owner/Operator Address: 2185 N CALIFORNIA BLVD
Owner/Operator City,State,Zip: WALNUT CREEK, CA 94596
Owner/Operator Telephone: 925-934-6111
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: QMAT INC
Legal Status: Private
Date Became Current: 20141224
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DWF III 2424 WALSH LLC DIVOCWEST
Legal Status: Private
Date Became Current: 20111129
Date Ended Current: Not reported
Owner/Operator Address: 3032 BUNKER HILL LANE
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-562-4160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: CORDIS DOW CORP
Federal Waste Generator Description: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANWHA (Continued)

1000189608

State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19800818
Handler Name:	CORDIS DOW CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20111121
Handler Name:	HANWHA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20120416
Handler Name:	HANWHA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20150127
Handler Name:	QMAT INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HANWHA (Continued)

1000189608

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

NAICS Code: 541712
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110009532112

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000189608
Registry ID: 110009532112
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009532112>
Name: HANWHA
Address: 2424 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051

J39
NE
1/8-1/4
0.223 mi.
1178 ft.

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES M
2424 WALSH AVE
SANTA CLARA, CA 95051
Site 4 of 10 in cluster J

CA CUPA Listings **S121470417**
CA CERS **N/A**

Relative:
Lower
Actual:
52 ft.

CUPA SANTA CLARA:
Name: PROBE TECHNOLOGY CORP
Address: 2424 WALSH AV
City,State,Zip: SANTA CLARA, CA 950511303
Region: SANTA CLARA
PE#: 2205

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Program Description: GENERATES 100 KG YR TO <5 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
Latitude: 37.369827
Longitude: -121.970596
Record ID: PR0313256
Facility ID: FA0211819

CERS:

Name: SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT CORP.
Address: 2424 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 400030
CERS ID: 10136107
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation/deflation by March 1st.
Violation Notes: Returned to compliance on 12/07/2018. CERS
Violation Division: Santa Clara City Fire Department
Violation Program: CA
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 12/11/2018. Post emergency coordinator information
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation. The tank assessment shall be valid for five (5) years.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Violation Notes: Provide certification every 5 years.
Violation Division: Santa Clara City Fire Department
Violation Program: CA
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 22 CCR 45 67450.13(a)(4) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(4)
Violation Description: Failure to submit financial assurance form upon a change or when there is an increase in the closure costs.

Violation Notes: Returned to compliance on 12/07/2018. Exempt- under 10K
Violation Division: Santa Clara City Fire Department
Violation Program: CA
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.

Violation Notes: Returned to compliance on 12/11/2018. Motor oil drums (4) will be disposed of - used for testing and no longer needed the process. Will be disposed of one time.

Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/07/2018. Keep plan of AWN system on site.
On site

Violation Division: Santa Clara City Fire Department
Violation Program: CA
Violation Source: CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 22 CCR 45 67450.13(b) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(b)
Violation Description: Failure to prepare a written estimate of the cost of closing each unit which includes the cost that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment taking into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, land or other facility assets. This estimate shall be submitted as an attachment to the Certification of Financial Assurance for Permit by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Violation Notes: Rule and Conditionally Authorized Operations/ Maintenance page(s) of the Unified Program Consolidated Form (x/99).
Violation Division: Returned to compliance on 12/07/2018. see CERS
Violation Program: Santa Clara City Fire Department
Violation Source: CA
CERS,

Site ID: 400030
Site Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Violation Date: 12-07-2018
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 12/11/2018. Once a year refresher
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Eval Source: CERS,
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 400030
Facility Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Env Int Type Code: HMBP
Program ID: 10136107
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.369020
Longitude: -121.970250

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Benjamin Efraim
Entity Title: Principal
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,
Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Ben Hertzler
Entity Title: Contractor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Ben Hertzler
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Ben Hertzler
Entity Title: Not reported
Affiliation Address: 2424 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Fortune Companies Management Corp.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 423-6262,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2424 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
Entity Title: Not reported
Affiliation Address: 265 Sunset Drive, Suite 260
Affiliation City: Westlake Village
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91361
Affiliation Phone: (323) 423-6262,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SILVER HORSE EQUITIES, LLC C/O FORTUNE COMPANIES MANAGEMENT (Continued)

S121470417

Affiliation Address: 1675 Lincoln Street
 Affiliation City: Santa Clara
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95050
 Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
 Entity Name: Philip Ong
 Entity Title: Vice President
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
 Entity Name: Hanwha Solar America
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Property Owner
 Entity Name: Silver Horse Equities, LLC c/o Fortune Companies Management Corp.
 Entity Title: Not reported
 Affiliation Address: 265 Sunset Drive, Suite 260
 Affiliation City: Westlake Village
 Affiliation State: CA
 Affiliation Country: United States
 Affiliation Zip: 91361
 Affiliation Phone: (323) 423-6262,

40
ESE
1/8-1/4
0.226 mi.
1193 ft.

TZYY, GEORGE
2345 SOUTH DRIVE
SANTA CLARA, CA 95051

RCRA NonGen / NLR

1026478336
CAC003084223

Relative:
Lower
Actual:
48 ft.

RCRA Listings:
 Date Form Received by Agency: 20200917
 Handler Name: Tzyy, George
 Handler Address: 2345 SOUTH DRIVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAC003084223
 Contact Name: TZYY, GEORGE
 Contact Address: 2345 SOUTH DRIVE
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 408-636-3285
 Contact Fax: 510-651-7702
 Contact Email: MICKIEL@PWSEI.COM
 Contact Title: Not reported
 EPA Region: 09

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TZYY, GEORGE (Continued)

1026478336

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2345 SOUTH DRIVE
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Tzyy, George
Owner Type:	Other
Operator Name:	Tzyy, George
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200920
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TZYY, GEORGE (Continued)

1026478336

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TZYY, GEORGE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2345 SOUTH DRIVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-636-3285
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TZYY, GEORGE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2345 SOUTH DRIVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95051
Owner/Operator Telephone:	408-636-3286
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200917
Handler Name:	TZYY, GEORGE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J41
NE
1/8-1/4
0.226 mi.
1195 ft.

M B C ENGINEERING#
SANTA CLARA, CA
Site 5 of 10 in cluster J

PFAS ECHO 1027383702
N/A

Relative:
Lower

PFAS ECHO:

Actual:
52 ft.

Name:	M B C ENGINEERING#
Address:	Not reported
City,State,Zip:	SANTA CLARA, CA
Latitude:	37.3695
Longitude:	-121.969912
Count:	1
County:	SANTA CLARA
Status:	Active
Region:	09
Industry:	Electronics Industry
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110002647538
Facility Percent Minority:	66
Facility Derived Tribes:	-
Facility Population:	6013.39
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06085
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050003
Facility Derived WBD:	180500030402
Facility Derived CD113:	17
Facility Derived CB2010:	060855052023094
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M B C ENGINEERING# (Continued)

1027383702

CWA Permit Types: -
 CWA NAICS: -
 CWA SICS: -
 RCRA IDS: CAD049226897
 RCRA Permit Types: SQG
 RCRA NAICS: 334419
 SDWA IDS: -
 SDWA System Types: -
 SDWA Compliance Status: -
 SDWA SNC Flag: N
 TRI IDS: -
 TRI Releases Transfers: -
 TRI On Site Releases: -
 TRI Off Site Transfers: -
 TRI Reporter: -
 Facility IMP Water Flag: -
 EJSCREEN Flag US: Y
 EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-121.969912,%22y%22:37.3695,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

J42
NE
1/8-1/4
0.227 mi.
1200 ft.

SIGMAFORM CORP
SANTA CLARA, CA
Site 6 of 10 in cluster J

PFAS ECHO 1027419550
N/A

Relative:
Lower
Actual:
52 ft.

PFAS ECHO:
 Name: SIGMAFORM CORP
 Address: Not reported
 City,State,Zip: SANTA CLARA, CA
 Latitude: 37.36968
 Longitude: -121.97001
 Count: 1
 County: SANTA CLARA
 Status: Active
 Region: 09
 Industry: Plastics and Resins
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110002147551>
 Facility Percent Minority: 66.025
 Facility Derived Tribes: -
 Facility Population: 6015
 EPA Programs: RCRA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 06085
 Facility Indian Country Flag: N
 Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
 Facility Derived HUC: 18050003
 Facility Derived WBD: 180500030402
 Facility Derived CD113: 17
 Facility Derived CB2010: 060855052023093
 Facility Major Flag: -
 Facility Active Flag: Y
 Facility Inspection Count: 0
 Facility Date Last Inspection: -
 Facility Days Last Inspection: -
 Facility Informal Count: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIGMAFORM CORP (Continued)

1027419550

Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICs:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICs:	-
RCRA IDS:	CAD009665506
RCRA Permit Types:	SQG
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	95051SGMFR2401W
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-121.97001,%22y%22:37.36968,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

K43
North
1/8-1/4
0.227 mi.
1201 ft.
Relative:
Lower
Actual:
49 ft.

MIASOLE
SANTA CLARA, CA
Site 5 of 6 in cluster K

PFAS ECHO 1027388024
N/A

PFAS ECHO:	
Name:	MIASOLE
Address:	Not reported
City,State,Zip:	SANTA CLARA, CA
Latitude:	37.37137
Longitude:	-121.97393
Count:	1
County:	SANTA CLARA
Status:	Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIASOLE (Continued)

1027388024

Region:	09
Industry:	Electronics Industry
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110038878006
Facility Percent Minority:	66.601
Facility Derived Tribes:	-
Facility Population:	6200.51
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06085
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050003
Facility Derived WBD:	180500030402
Facility Derived CD113:	17
Facility Derived CB2010:	060855052023093
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAL000307123 CAR000003947
RCRA Permit Types:	LQG
RCRA NAICS:	334419 541330
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	9505WMSLXX259WA
TRI Releases Transfers:	-
TRI On Site Releases:	-

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIASOLE (Continued)

1027388024

TRI Off Site Transfers: -
 TRI Reporter: -
 Facility IMP Water Flag: -
 EJSCREEN Flag US: Y
 EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-121.97393,%22y%22:37.37137,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

L44
ENE
1/8-1/4
0.228 mi.
1202 ft.
Relative:
Lower
Actual:
52 ft.

MEMC ELECTRONIC MATERIALS INC
2400 WALSH AV
SANTA CLARA, CA 95051

CA CUPA Listings **S121470414**
N/A

Site 1 of 3 in cluster L

CUPA SANTA CLARA:
 Name: MEMC ELECTRONIC MATERIALS INC
 Address: 2400 WALSH AV
 City,State,Zip: SANTA CLARA, CA 95051
 Region: SANTA CLARA
 PE#: 2206
 Program Description: GENERATES 5 TO <25 TONS/YR
 Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM
 Latitude: 37.369469
 Longitude: -121.969746
 Record ID: PR0316021
 Facility ID: FA0211813

L45
ENE
1/8-1/4
0.228 mi.
1202 ft.
Relative:
Lower
Actual:
52 ft.

UNISIL CORP
2400 WALSH AVE
SANTA CLARA, CA 95051

RCRA-SQG **1000121214**
CAD982499642

Site 2 of 3 in cluster L

RCRA Listings:
 Date Form Received by Agency: 19970521
 Handler Name: Unisil Corp
 Handler Address: 2400 WALSH AVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAD982499642
 Contact Name: DENNIS LEE
 Contact Address: 2400 WALSH AVE
 Contact City,State,Zip: SANTA CLARA, CA 95051
 Contact Telephone: 408-988-2600
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 2
 Mailing Address: 2400 WALSH AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNISIL CORP (Continued)

1000121214

Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Peery Arrillaga
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PEERY ARRILLAGA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2560 MISSION COLLEGE BLVD
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95054
Owner/Operator Telephone:	408-980-0130
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISIL CORP (Continued)

1000121214

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PEERY ARRILLAGA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2560 MISSION COLLEGE BLVD
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-980-0130
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: UNISIL CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970521
Handler Name: UNISIL CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970521
Handler Name: UNISIL CORP
Federal Waste Generator Description: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISIL CORP (Continued)

1000121214

State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920316
Handler Name: KAWATEC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960227
Handler Name: MEMC ELECTRONIC MATERIALS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: UNISIL CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNISIL CORP (Continued)

1000121214

Evaluation Action Summary:
 Evaluations:

No Evaluations Found

L46
ENE
1/8-1/4
0.228 mi.
1202 ft.

UNISIL CORP. - SANTA CLARA
2400 WALSH AVENUE
SANTA CLARA, CA 95051

CA ENVIROSTOR
CA CHMIRS

S100219399
N/A

Site 3 of 3 in cluster L

Relative:
Lower
Actual:
52 ft.

ENVIROSTOR:
 Name: UNISIL CORP. - SANTA CLARA
 Address: 2400 WALSH AVENUE
 City,State,Zip: SANTA CLARA, CA 95051
 Facility ID: 71003090
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.36869
 Longitude: -121.9696
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD982499642
 Alias Type: EPA Identification Number
 Alias Name: 110000862415
 Alias Type: EPA (FRS #)
 Alias Name: 71003090
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISIL CORP. - SANTA CLARA (Continued)

S100219399

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:

Name: Not reported
Address: 2400 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050
OES Incident Number: 009600
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 03-JAN-90
Property Use: 600
Agency Id Number: 43090
Agency Incident Number: 90-0038
Time Notified: 1030
Time Completed: 1205
Surrounding Area: 600
Estimated Temperature: 65
Property Management: P
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: LARRY MONETLE (15C2)
Report Date: 08-JAN-90
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: 03-JAN-90
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 25-MAY-90

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNISIL CORP. - SANTA CLARA (Continued)

S100219399

Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Not reported

**J47
 NE
 1/8-1/4
 0.230 mi.
 1216 ft.**

**HANWHA
 SANTA CLARA, CA
 Site 7 of 10 in cluster J**

**PFAS ECHO 1027366707
 N/A**

**Relative:
 Lower
 Actual:
 52 ft.**

PFAS ECHO:	
Name:	HANWHA
Address:	Not reported
City,State,Zip:	SANTA CLARA, CA
Latitude:	37.36966
Longitude:	-121.96993
Count:	1
County:	SANTA CLARA
Status:	Active
Region:	09
Industry:	Electronics Industry
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110009532112
Facility Percent Minority:	66.027
Facility Derived Tribes:	-
Facility Population:	6012.21
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06085
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050003
Facility Derived WBD:	180500030402
Facility Derived CD113:	17
Facility Derived CB2010:	060855052023093
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HANWHA (Continued)

1027366707

Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAD087016085
RCRA Permit Types:	SQG
RCRA NAICS:	334413
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejSCREEN.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-121.96993,%22y%22:37.36966,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

J48
NE
1/8-1/4
0.236 mi.
1246 ft.

CYXTERA COMMUNICATIONS, LLC - SC5
2403 WALSH AVENUE
SANTA CLARA, CA 95051
Site 8 of 10 in cluster J

CA CERS TANKS **S121789900**
CA CERS **N/A**

Relative:
Lower
Actual:
51 ft.

CERS TANKS:
 Name: CYXTERA COMMUNICATIONS, LLC - SC5
 Address: 2403 WALSH AVENUE
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 65411
 CERS ID: 10087939
 CERS Description: Aboveground Petroleum Storage

CERS:
 Name: CYXTERA COMMUNICATIONS, LLC - SC5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYXTERA COMMUNICATIONS, LLC - SC5 (Continued)

S121789900

Address: 2403 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 65411
CERS ID: 10087939
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: "Failure to amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."
Violation Notes: Returned to compliance on 09/29/2020. Amended 11/6/2017
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to regularly test liquid level sensing devices to ensure proper operation.
Violation Notes: Returned to compliance on 11/09/2020. Provide annual testing of overfill equipment (high level, overfill alarms, leak alarm for all tanks . per Harlan Pincus email, it was scheduled and tested 11/9/2020
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to regularly test liquid level sensing devices to ensure proper operation.
Violation Notes: Returned to compliance on 11/09/2020. Overfill and leak alarms test required annually- per Harlan Pincus email, it was scheduled and tested 11/9/2020
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYXTERA COMMUNICATIONS, LLC - SC5 (Continued)

S121789900

Violation Notes: Returned to compliance on 10/05/2020. Refer to CERS online for HMBP submittal status. Inventory for batteries shall be changed per instruction and resubmit to CERS
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.

Violation Notes: Returned to compliance on 11/06/2017. Provide record of employee training
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS,

Site ID: 65411
Site Name: Cyxtera Communications, LLC - SC5
Violation Date: 09-29-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.

Violation Notes: Returned to compliance on 09/29/2020. ANNUAL INSPECTION
Violation Division: Santa Clara City Fire Department
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CYXTERA COMMUNICATIONS, LLC - SC5 (Continued)

S121789900

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Harlan Pincus
Entity Title: Not reported
Affiliation Address: 1919 Park Avenue, 1st floor
Affiliation City: Weehawken
Affiliation State: NJ
Affiliation Country: Not reported
Affiliation Zip: 07086
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Harlan Pincus
Entity Title: Director - EHS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Cyxtera Communications, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2403 Walsh Avenue
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CYXTERA COMMUNICATIONS, LLC - SC5 (Continued)

S121789900

Affiliation Zip: 95051
 Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
 Entity Name: Cyxtera Communications, LLC
 Entity Title: Not reported
 Affiliation Address: 2333 Ponce De Leon Blvd, Suite 900
 Affiliation City: Coral Gables
 Affiliation State: FL
 Affiliation Country: United States
 Affiliation Zip: 33134
 Affiliation Phone: (305) 537-9500,

Affiliation Type Desc: Operator
 Entity Name: Cyxtera Communications, LLC
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (914) 420-2528,

Affiliation Type Desc: Document Preparer
 Entity Name: Harlan Pincus
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

J49
NE
1/8-1/4
0.236 mi.
1246 ft.

SAVVIS COMMUNICATIONS
2403 WALSH AVENUE
SANTA CLARA, CA 95051
Site 9 of 10 in cluster J

CA AST A100424213
N/A

Relative:
Lower
Actual:
51 ft.

AST:
 Name: SAVVIS COMMUNICATIONS
 Address: 2403 WALSH AVENUE
 City/Zip: SANTA CLARA,95051
 Certified Unified Program Agencies: Not reported
 Owner: SAVVIS Communications
 Total Gallons: Not reported
 CERSID: 10087939
 Facility ID: Not reported
 Business Name: Savvis Communications
 Phone: 408-572-8144
 Fax: 303-391-2187
 Mailing Address: 2403 Walsh Avenue
 Mailing Address City: Santa Clara
 Mailing Address State: CA
 Mailing Address Zip Code: 95051
 Operator Name: SAVVIS Communications SC5
 Operator Phone: 408-572-8144

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAVVIS COMMUNICATIONS (Continued)

A100424213

Owner Phone: 314-628-7000
 Owner Mail Address: 1 Savvis Parkway
 Owner State: MO
 Owner Zip Code: 63017
 Owner Country: United States
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

**J50
 NE
 1/8-1/4
 0.236 mi.
 1246 ft.**

**SAVVIS, INC
 2403 WALSH AVE
 SANTA CLARA, CA**

**CA AST A100324894
 N/A**

Site 10 of 10 in cluster J

**Relative:
 Lower
 Actual:
 51 ft.**

AST:
 Name: SAVVIS, INC
 Address: 2403 WALSH AVE
 City/Zip: SANTA CLARA,
 Certified Unified Program Agencies: Santa Clara City
 Owner: Not reported
 Total Gallons: 12,000
 CERSID: Not reported
 Facility ID: Not reported
 Business Name: Not reported
 Phone: Not reported
 Fax: Not reported
 Mailing Address: Not reported
 Mailing Address City: Not reported
 Mailing Address State: Not reported
 Mailing Address Zip Code: Not reported
 Operator Name: Not reported
 Operator Phone: Not reported
 Owner Phone: Not reported
 Owner Mail Address: Not reported
 Owner State: Not reported
 Owner Zip Code: Not reported
 Owner Country: Not reported
 Property Owner Name: Not reported
 Property Owner Phone: Not reported
 Property Owner Mailing Address: Not reported
 Property Owner City: Not reported
 Property Owner Stat : Not reported
 Property Owner Zip Code: Not reported
 Property Owner Country: Not reported
 EPAID: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K51
North
1/8-1/4
0.248 mi.
1308 ft.

VANTAGE CA31
2600 WALSH AVE
SANTA CLARA, CA 95051

Site 6 of 6 in cluster K

CA CERS TANKS **S129059881**
CA CERS **N/A**

Relative:
Lower

Actual:
50 ft.

CERS TANKS:
 Name: VANTAGE CA31
 Address: 2600 WALSH AVE
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 625397
 CERS ID: 10915273
 CERS Description: Aboveground Petroleum Storage

CERS:
 Name: VANTAGE CA31
 Address: 2600 WALSH AVE
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 625397
 CERS ID: 10915273
 CERS Description: Chemical Storage Facilities

Affiliation:
 Affiliation Type Desc: CUPA District
 Entity Name: Santa Clara City Fire Dept
 Entity Title: Not reported
 Affiliation Address: 1675 Lincoln Street
 Affiliation City: Santa Clara
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95050
 Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Parent Corporation
 Entity Name: Vantage CA31
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

52
North
1/4-1/2
0.301 mi.
1591 ft.

INTEL CORPORATION
2625 WALSH AVE
SANTA CLARA, CA 95051

CA LUST **S102431664**
CA HIST LUST **N/A**
CA Cortese
CA HIST CORTESE
CA CERS

Relative:
Lower

Actual:
49 ft.

LUST:
 Name: INTEL CORPORATION
 Address: 2625 WALSH AVE
 City,State,Zip: SANTA CLARA, CA 95051
 Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500749
 Global Id: T0608500749
 Latitude: 37.370759
 Longitude: -121.972488

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (Continued)

S102431664

Status: Completed - Case Closed
Status Date: 12/06/1996
Case Worker: DEH
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: * Digitized From APN (Acessor Parcel Maps)
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1987
Leak Reported Date: 01/01/1987
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/06/1996
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:

Global Id: T0608500749
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

Global Id: T0608500749
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608500749
Action Type: ENFORCEMENT
Date: 04/06/1989
Action: Staff Letter - #31592

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (Continued)

S102431664

Global Id: T0608500749
Action Type: RESPONSE
Date: 04/17/1989
Action: Other Report / Document

Global Id: T0608500749
Action Type: Other
Date: 01/01/1987
Action: Leak Reported

Global Id: T0608500749
Action Type: RESPONSE
Date: 12/06/1996
Action: Other Report / Document

Global Id: T0608500749
Action Type: ENFORCEMENT
Date: 12/06/1996
Action: Closure/No Further Action Letter

LUST:

Global Id: T0608500749
Status: Open - Case Begin Date
Status Date: 01/01/1987

Global Id: T0608500749
Status: Completed - Case Closed
Status Date: 12/06/1996

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W33B01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Name: INTEL CORPORATION
Address: 2625 WALSH AVE
City,State,Zip: SANTA CLARA, CA
Region: SANTA CLARA
SCVWD ID: 06S1W33B01
Date Closed: 12/06/1996
EDR Link ID: 06S1W33B01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (Continued)

S102431664

HIST LUST SANTA CLARA:

Name: Intel Corporation
Address: 2625 Walsh Ave
City: Santa Clara
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W33B01
Oversite Agency: SCVWD
Date Listed: 1988-01-01 00:00:00
Closed Date: 1996-12-06 00:00:00

CORTESE:

Name: INTEL CORPORATION
Address: 2625 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608500749
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: INTEL CORP
edr_fadd1: 2625 WALSH
City,State,Zip: SANTA CLARA, CA
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0722

CERS:

Name: INTEL CORPORATION
Address: 2625 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 220977
CERS ID: T0608500749
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (Continued)

S102431664

Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

53
NNW
1/4-1/2
0.343 mi.
1809 ft.

VERSATEC INC
2805 BOWERS AVE
SANTA CLARA, CA 95051

RCRA-SQG 1000377685
CA CPS-SLIC CAD048634331
CA HAZNET
CA CERS
CA HWTS

Relative:
Lower
Actual:
49 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: Versatec Inc
Handler Address: 2805 BOWERS AVE
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD048634331
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: 2805 BOWERS AVE
Mailing City,State,Zip: SANTA CLARA, CA 95051
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not Required
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: XEROX
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: VERSATEC INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901
Handler Name: VERSATEC INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800715
Handler Name: VERSATEC INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Receive Date: 19920306
Handler Name: XES, INCORPORATED
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334119
NAICS Description: OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING

NAICS Code: 42143
NAICS Description: COMPUTER AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE WHOLESALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

CPS-SLIC:

Name: XES INCORPORATED
Address: 2805 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/03/2015
Global Id: T10000008072
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.37217
Longitude: -121.97638
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S0461
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Dichloroethane (DCA), Dichloroethene (DCE), Vinyl chloride, Freon
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 12/03/2015
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/03/2015
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA EnviroScreen 3 Score: 76-80%
CA EnviroScreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Name: VERSATEC INC
Address: 2805 BOWERS AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950510000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 5853 RUE FERRARI

Year: 1993
Gepaid: CAD048634331
TSD EPA ID: CAD009452657
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: -
Tons: 0.78

Year: 1993
Gepaid: CAD048634331
TSD EPA ID: CAL000027741
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 5.8996

Year: 1993
Gepaid: CAD048634331
TSD EPA ID: CAT080010101
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H01 - Transfer Station
Tons: 0.8

Year: 1993
Gepaid: CAD048634331
TSD EPA ID: CAD980884183
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 1993
Gepaid: CAD048634331

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

TSD EPA ID:	CAD097030993
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	T01 - Treatment, Tank
Tons:	9.24
Year:	1993
Gepaid:	CAD048634331
TSD EPA ID:	CAD009452657
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	-
Tons:	1.68
Year:	1993
Gepaid:	CAD048634331
TSD EPA ID:	CAD009452657
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	-
Tons:	0.2
Year:	1993
Gepaid:	CAD048634331
TSD EPA ID:	CAD009452657
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	0.175
Year:	1993
Gepaid:	CAD048634331
TSD EPA ID:	CAD009452657
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	D99 - Disposal, Other
Tons:	0.19
Year:	1993
Gepaid:	CAD048634331
TSD EPA ID:	CAD009452657
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D99 - Disposal, Other
Tons:	0.475

[Click this hyperlink](#) while viewing on your computer to access 251 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1993
Gen EPA ID:	CAD048634331
Shipment Date:	19930802
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930811
Manifest ID:	92302190
Trans EPA ID:	CAD983641101
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000048934

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Trans 2 Name: Not reported
TSDf EPA ID: CAT080010101
Trans Name: Not reported
TSDf Alt EPA ID: CAT080010101
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.8
Waste Quantity: 1600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930723
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930727
Manifest ID: 93165832
Trans EPA ID: CAD982472854
Trans Name: Not reported
Trans 2 EPA ID: CAD981455520
Trans 2 Name: Not reported
TSDf EPA ID: CAL000027741
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 5.8996
Waste Quantity: 7
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930721
Creation Date: 9/11/1995 0:00:00
Receipt Date: 19930721
Manifest ID: 91658697
Trans EPA ID: CAT080031248
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.0025

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930721
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930721
Manifest ID:	91658697
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009452657
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009452657
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930624
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930625
Manifest ID:	90661581
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD980884183
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930518

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	91658613
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009452657
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009452657
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930518
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	91658613
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009452657
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009452657
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930518
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930518
Manifest ID:	91658613
Trans EPA ID:	CAT080031248
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009452657
Trans Name:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930504
Creation Date: 9/8/1995 0:00:00
Receipt Date: 19930504
Manifest ID: 91658585
Trans EPA ID: CAT080031248
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: D99 - Disposal, Other
Quantity Tons: 9.72
Waste Quantity: 2700
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930427
Creation Date: 9/14/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 91658576
Trans EPA ID: CAT080031248
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: CAD009452657
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: F001
Meth Code: - Not reported
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERSATEC INC (Continued)

1000377685

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: XES INCORPORATED
Address: 2805 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 361388
CERS ID: T10000008072
CERS Description: Cleanup Program Site

HWTS:

Name: VERSATEC INC
Address: 2805 BOWERS AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD048634331
Inactive Date: 06/10/1992
Create Date: 07/23/1982
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 5853 RUE FERRARI
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN-JOSE, CA 951380000
Owner Name: XEROX
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.371897
Longitude: -121.97758

M54
NNE
1/4-1/2
0.394 mi.
2080 ft.
Relative:
Lower
Actual:
47 ft.

INTEL
2880 NORTHWESTERN
SANTA CLARA, CA 95051
Site 1 of 4 in cluster M

CA ENVIROSTOR **S100833412**
CA CPS-SLIC **N/A**
CA CERS TANKS
CA DEED
CA BOND EXP. PLAN
CA Cortese
CA ENF
CA HIST CORTESE
CA NPDES
CA CERS

ENVIROSTOR:

Name: INTEL CORP. SC #3
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA 95052
Facility ID: 71003489
Status: Refer: EPA

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Status Date: 04/17/2014
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 4.93
NPL: YES
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37371
Longitude: -121.9723
APN: 21628118
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 21628118
Alias Type: APN
Alias Name: CAT000612184
Alias Type: EPA Identification Number
Alias Name: 110001180935
Alias Type: EPA (FRS #)
Alias Name: 71003489
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 04/16/2014
Comments: DTSC performed a site screening to determine whether any releases of hazardous substances or wastes have occurred at the site that require corrective actions. Intel Corporation used the Site to perform quality control of chemicals and electrical testing of semiconductors. The Site was listed on the National Priorities List in 1986 and the U.S. Environmental Protection Agency (EPA) issued a Record of Decision (ROD), which selected a remedy for the site with groundwater extraction and treatment as a primary component. The groundwater extraction and treatment system was operated nine years up through 1994. A trial monitored natural attenuation (MNA) program was initiated after groundwater extraction and treatment ceased. The Regional Water Quality Control Board provided oversight of the cleanup activities until EPA assumed oversight in 2006. EPA changed the remedy to MNA in a September 2010 ROD Amendment and continues to oversee the cleanup of the Site. DTSC recommended that the Site status be identified as Refer to EPA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: INTEL CORPORATION (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 43350085
Status: Refer: RWQCB
Status Date: 01/10/1990
Site Code: Not reported
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: YES
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.37365
Longitude: -121.9730
APN: 216-28-118
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: INTEL CORPORATION - SANTA CLARA III
Alias Type: Alternate Name
Alias Name: 216-28-118
Alias Type: APN
Alias Name: CAT000612184
Alias Type: EPA Identification Number
Alias Name: 110001180935
Alias Type: EPA (FRS #)
Alias Name: P23078
Alias Type: PCode
Alias Name: 43350085
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: INTEL SANTA CLARA III
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/22/2020
Global Id: SL720611212
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.373758
Longitude: -121.973262
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0061
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 06/30/1994
Leak Reported Date: 01/02/1965
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 09/22/2020
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS TANKS:

Name: VANTAGE DATA CENTERS CA13 DATA CENTER
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Site ID: 361220
CERS ID: 10468234
CERS Description: Aboveground Petroleum Storage

DEED:

Name: INTEL SANTA CLARA III
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA
Envirostor ID: SL720611212
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 01/28/2008
File Name: Geotracker Land Use/Deed Restrictions

Name: INTEL SANTA CLARA III
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA
Envirostor ID: SL720611212
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 09/03/2020
File Name: Geotracker Land Use/Deed Restrictions

CA BOND EXP. PLAN:

Responsible Party: NPL SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc:

Intel Corporation, the responsible party, is conducting remedial activities under the direction of the RWQCB. DHS has budgeted \$50,000 for development, review and approval of a RAP and will seek to recover all costs from the responsible party.

Site Description: Intel Corporation operates a microprocessor testing facility at this four acre site. The site is located adjacent to other industrial and commercial development. Chemicals used in the manufacturing process and wastes generated from this process were handled and stored onsite in above-ground drums and an underground storage tank.

Hazardous Waste Desc: Soil and shallow ground water at the site are contaminated with trichloroethane (TCA), trichloroethylene (TCE), Freon-113, dichloroethane (DCA) and dichloroethylene (DCE). The source of contamination has not been identified.

Threat To Public Health & Env: Approximately 300,000 people residing within a three-mile radius of this site depend on local ground water for drinking water. This ground water is derived from a deep aquifer. It is not known if this deep aquifer is hydraulically connected to the contaminated shallow zone at the site. While there are no reported impacts on public or private wells, four City of Sunnyvale municipal wells and 23 of the 27 City of Santa Clara municipal wells are located within a 3-mile radius of the site. The 27 City of Santa Clara municipal wells supply about 8 percent of the City's water. The closest municipal well to the site is

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INTEL (Continued)

S100833412

Site Activity Status: City of Santa Clara well No. 21, which is 4,000 feet from the nearest contaminated monitoring well at the site. Use of the acid neutralization system for waste solvents has been discontinued. Ground water monitoring wells and extraction wells have been installed. Contaminated ground water is currently being pumped at a rate of 23,000 gallons per day and is subjected to carbon adsorption treatment prior to discharge into the San Tomas Aquino Creek and the South San Francisco Bay. The RWQCB has requested additional investigations to identify contamination sources.

CORTESE:

Name: INTEL
Address: 2880 NORTHWESTERN
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438119N02
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: INTEL
Address: 2880 NORTHWESTERN
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 232529
Agency Name: Intel Corporation
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.373748
Place Longitude: -121.972049
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438119N02
Reg Measure Id:	162363
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222617
Region:	2
Order / Resolution Number:	89-064
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/19/1989
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Title: Enforcement - 2 438119N02
Description: ENF ORDER
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: INTEL
Address: 2880 NORTHWESTERN
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 232529
Agency Name: Intel Corporation
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.373748
Place Longitude: -121.972049
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 438119N02
Reg Measure Id: 162363
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported

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EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 222616
Region: 2
Order / Resolution Number: 90-105
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 07/18/1990
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438119N02
Description: ENF ORDER
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-INTEL
edr_fadd1: 2880 NORTHWESTERN
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438119N02

NPDES:

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Name: VANTAGE V5 DATA CENTER
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA 95051
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43C378901
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 10/29/2018
Operator Name: Vantage Data Centers LLC
Operator Address: 2820 Northwestern Parkway
Operator City: Santa Clara
Operator State: California
Operator Zip: 95051

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 2
Regulatory Measure ID: 481194
Order Number: Not reported
Regulatory Measure Type: Construction
Place ID: Not reported
WDID: 2 43C378901
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 02/06/2017
Processed Date: 02/08/2017
Status: Active
Status Date: 02/08/2017
Place Size: 1.6
Place Size Unit: Acres
Contact: Cory Keller
Contact Title: Project manager

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Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Contact Phone: 650-227-1957
Contact Phone Ext: Not reported
Contact Email: cory.keller@truebeck.com
Operator Name: Vantage Data Centers LLC
Operator Address: 2820 Northwestern Parkway
Operator City: Santa Clara
Operator State: California
Operator Zip: 95051
Operator Contact: Spencer Myers
Operator Contact Title: Not reported
Operator Contact Phone: 408-215-7300
Operator Contact Phone Ext: Not reported
Operator Contact Email: smyers@vantagedatacenters.com
Operator Type: Private Business
Developer: Vantage Data Centers LLC
Developer Address: 2820 Northwestern Parkway
Developer City: Santa Clara
Developer State: California
Developer Zip: 95051
Developer Contact: Spencer Myers
Developer Contact Title: Not reported
Constype Linear Utility Ind: N
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: N
Constype Below Ground Ind: N
Constype Cable Line Ind: N
Constype Comm Line Ind: N
Constype Commercial Ind: N
Constype Electrical Line Ind: N
Constype Gas Line Ind: N
Constype Industrial Ind: N
Constype Other Description: Not reported
Constype Other Ind: N
Constype Recons Ind: N
Constype Residential Ind: N
Constype Transport Ind: N
Constype Utility Description: Not reported
Constype Utility Ind: N
Constype Water Sewer Ind: N
Dir Discharge Uswater Ind: N
Receiving Water Name: Not reported
Certifier: Spencer Myers
Certifier Title: Project Director
Certification Date: 06-FEB-17
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 2
Regulatory Measure ID: 481194
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported

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Database(s)

EDR ID Number
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INTEL (Continued)

S100833412

WDID:	2 43C378901
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/08/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Vantage Data Centers LLC
Discharge Address:	2820 Northwestern Parkway
Discharge City:	Santa Clara
Discharge State:	California
Discharge Zip:	95051
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported

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EPA ID Number

INTEL (Continued)

S100833412

Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

CERS:

Name: INTEL SANTA CLARA III
Address: 2880 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA
Site ID: 246157
CERS ID: SL720611212
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: VANTAGE DATA CENTERS CA13 DATA CENTER
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 361220
CERS ID: 10468234
CERS Description: Chemical Storage Facilities

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 361220
Facility Name: Vantage Data Centers CA13 Data Center
Env Int Type Code: HMBP
Program ID: 10468234
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.373710
Longitude: -121.972980

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Identification Signer
Entity Name: Matthew Silvers
Entity Title: Senior Director of Site Operations
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Vantage Data Centers CA13 Data Center
Entity Title: Not reported
Affiliation Address: 2625 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL (Continued)

S100833412

Affiliation Zip: 95051
Affiliation Phone: (408) 215-7300,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2625 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Vantage Data Centers Management Company LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 215-7300,

Affiliation Type Desc: Environmental Contact
Entity Name: Matthew Silvers
Entity Title: Not reported
Affiliation Address: 2625 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95051
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Mike Sonke - ATCGS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Vantage Data Centers 4 LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M55 INTEL CORP. (SANTA CLARA III)
NNE 2880 NORTHWESTERN PKWY
1/4-1/2 SANTA CLARA, CA 95051
0.394 mi.
2080 ft. Site 2 of 4 in cluster M

Delisted NPL 1009966367
SEMS CAT000612184
RCRA-SQG
US ENG CONTROLS
US INST CONTROLS
ROD
PRP
FINDS

Relative:
Lower

Actual:
47 ft.

Delisted NPL:
EPA Region: 9
EPA ID: CAT000612184
Site ID: 902632
Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Federal Description: N
Latitude: 37.3737
NAI: N
Native American Entity: Not reported
Longitude: -121.9717
Deleted Date: 2019-09-24 00:00:00

Narr:

Site Name: Intel Corp. (Santa Clara III)
Site EPA ID: CAT000612184
Deletion Date: 9/24/2019
Site Score: 31.94
Site List URL: <https://semspub.epa.gov/src/document/09/2400260>
Site Progress URL: <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902632>
Notice URL: <http://www.gpo.gov/fdsys/pkg/FR-2019-07-31/pdf/2019-16320.pdf>
Delete URL: <http://www.gpo.gov/fdsys/pkg/FR-2019-09-24/pdf/2019-20345.pdf>
Site Location URL: https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List_NPL_Sites_with_Status_Information_7557,SITE_EPA_ID=%27CAT000612184%27
Federal Facility Indicator: No

SEMS:

Site ID: 0902632
EPA ID: CAT000612184
Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Cong District: 15,17
FIPS Code: 06085
Latitude: +37.373700
Longitude: -121.971700
FF: N
NPL: Deleted from the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

OU: 01
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1992-07-14 04:00:00
Finish Date: 1992-07-14 04:00:00
Qual: E
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: CM
Action Name: PCOR
SEQ: 1
Start Date: 1992-08-18 04:00:00
Finish Date: 1992-08-18 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 05:00:00
Finish Date: 1984-10-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: CQ
Action Name: CLSOUT R
SEQ: 1
Start Date: 2018-11-29 06:00:00
Finish Date: 2018-11-29 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1986-06-10 04:00:00
Finish Date: 1986-06-10 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: ND
Action Name: DELETION
SEQ: 1
Start Date: 2019-09-24 05:00:00
Finish Date: 2019-09-24 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1984-08-01 05:00:00
Finish Date: 1984-08-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-07-01 05:00:00
Finish Date: 1984-07-01 05:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1990-09-20 04:00:00
Finish Date: 1990-09-20 04:00:00
Qual: R
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 1991-04-12 04:00:00
Finish Date: 1991-04-12 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-09-19 04:00:00
Finish Date: 1990-09-19 04:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 2006-08-17 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 2018-12-14 06:00:00
Finish Date: 2019-09-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

SEQ: 1
Start Date: 2001-08-15 04:00:00
Finish Date: 2001-08-15 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 1992-08-18 04:00:00
Finish Date: 2018-11-29 06:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1989-04-19 04:00:00
Finish Date: 1990-09-20 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 1989-09-15 04:00:00
Finish Date: 2019-09-01 05:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1990-09-20 04:00:00
Finish Date: 1992-08-18 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1990-09-20 04:00:00
Finish Date: 1990-09-20 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2006-09-20 04:00:00
Finish Date: 2006-09-20 04:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 1995-11-06 05:00:00
Finish Date: 1995-11-06 05:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 4
Start Date: 2010-11-23 05:00:00
Finish Date: 2011-06-01 05:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 5
Start Date: 2015-10-26 04:00:00
Finish Date: 2016-08-04 05:00:00
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: NK
Action Name: PRP FS
SEQ: 1
Start Date: 2006-09-05 04:00:00
Finish Date: 2010-05-05 05:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902632
EPA ID: CAT000612184
Site Name: INTEL CORP. (SANTA CLARA III)
NPL: D
FF: N
OU: 01
Action Code: BF
Action Name: PRP RA
SEQ: 2
Start Date: 2011-06-03 05:00:00
Finish Date: 2018-11-29 06:00:00
Qual: Not reported
Current Action Lead: EPA Ovrsght

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: Intel Corporation Santa Clara-iii
Handler Address: 2880 NORTHWESTERN PARKWAY
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAT000612184
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: 3065 BOWERS AVENUE
Mailing City,State,Zip: SANTA CLARA, CA 95051
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not Required
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No
Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20020627
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: INTEL CORPORATION (PRIVATE CORPORATION)
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: INTEL CORPORATION SANTA CLARA-III
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: INTEL CORPORATION SANTA CLARA-III
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920327
Handler Name: INTEL CORPORATION - NORTHWESTERN PARKWAY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Site:

Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Event Code: Not reported
Action Taken Date: 09/07/2010
EPA ID: CAT000612184
Action Name: ROD Amendment
Action ID: 1
Operable Unit: 01
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2010
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Media:

EPA ID: CAT000612184
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: ROD Amendment
Action Taken Date: 09/07/2010
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2010
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

EPA ID: CAT000612184
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: ROD Amendment
Action Taken Date: 09/07/2010
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2010
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

EPA ID: CAT000612184
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/20/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

EPA ID: CAT000612184
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

Action Taken Date: 09/20/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

EPA ID: CAT000612184
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/20/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

US INST CONTROLS:

Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAT000612184
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 09/20/1990
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1990
NPL Status: Deleted from the Final NPL
Superfund Alternative Agreement: N
Latitude: +37.373700
Longitude: -121.971700

ROD:

Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. (SANTA CLARA III) (Continued)

1009966367

EPA ID: CAT000612184
RG: 9
Site ID: 902632
Action: GOVT ROD Amendment for PRP Remedy
Operable Unit Number: OVERALL SITE
SEQ ID: 1
Action Completion: 2010-09-07 00:00:00
NPL Status: Deleted
Non NPL Status: Not reported

Name: INTEL CORP. (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAT000612184
RG: 9
Site ID: 902632
Action: GOVT ROD for PRP Remedy
Operable Unit Number: OVERALL SITE
SEQ ID: 1
Action Completion: 1990-09-20 00:00:00
NPL Status: Deleted
Non NPL Status: Not reported

PRP:

PRP Name: INTEL CORP
INTEL CORP.
INTEL CORP.

FINDS:

Registry ID: 110057040303

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

M56
NNE
1/4-1/2
0.394 mi.
2080 ft.

INTEL CORPORATION (SANTA CLARA III)
2880 NORTHWESTERN PKWY
SANTA CLARA, CA 95051
Site 3 of 4 in cluster M

CA HIST Cal-Sites U001601881
CA HIST UST N/A
CA EMI

Relative:
Lower
Actual:
47 ft.

Calsite:
Name: INTEL CORPORATION (SANTA CLARA III)
Address: 2880 NORTHWESTERN PKWY
City: SANTA CLARA
Region: BERKELEY
Facility ID: 43350085
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01101990
Status: DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (SANTA CLARA III) (Continued)

U001601881

Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13
Facility ID: Not reported
Activity: Not reported
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: Not reported
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: Not reported
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: Not reported
Definition of Status: Not reported
Liquids Removed (Gals): Not reported
Liquids Treated (Gals): Not reported
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: Not reported
For Industrial Reuse: Not reported
For Residential Reuse: Not reported
Unknown Type: Not reported
Alternate Address: 2880 NORTHWESTERN PARKWAY
Alternate City,St,Zip: SANTA CLARA, CA 95051
Alternate Address: 2880 NORTHWESTERN PKWY
Alternate City,St,Zip: SANTA CLARA, CA 95051
Background Info: Approximately 300,000 people residing within a three-mile radius of this site depend on local groundwater for their drinking water. This groundwater is derived from a deep aquifer.
While there are no reported impacts on public or private wells, four City of Sunnyvale municipal wells and twenty-three of the twenty-seven City of Santa Clara municipal wells are located within a three-mile radius of the site. The twenty-seven City of Santa Clara municipal wells supply

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (SANTA CLARA III) (Continued)

U001601881

about eight percent of the City's water. The closest municipal well to the site is City of Santa Clara Well #21, which is 4,000 feet from the nearest contaminated monitoring well at the site.

Intel Corporation operates a microprocessor testing facility at this four-acre site. The site is located adjacent to other industrial and commercial development. Chemicals used in the manufacturing process and wastes generated from this process were handled and stored onsite in above-ground drums and an underground storage tank.

Soil and shallow groundwater at the site are contaminated with trichloroethane (TCA), trichloroethylene (TCE), Freon-113, dichloroethane (DCA), and dichloroethylene (DCE).

Comments Date: 01101990
Comments: Site has been referred to the RWQCB.
Comments Date: 07251991
Comments: Groundwater contaminated with VOCs. Based on available
Comments Date: 07251991
Comments: information, site is not considered to be of public health
Comments Date: 07251991
Comments: concern because of apparent absence of human exposure to
Comments Date: 07251991
Comments: hazardous substances. However, people could face a health
Comments Date: 07251991
Comments: risk if they swallow or touch contaminated water, or inhale
Comments Date: 07251991
Comments: contaminated vapors.
ID Name: BEP DATABASE PCODE
ID Value: P23078
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAT000612184
Alternate Name: INTEL CORPORATION - SANTA CLARA III
Alternate Name: INTEL CORPORATION (SANTA CLARA III)
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

HIST UST:

Name: SANTA CLARA 3 BUILDING
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000048195
Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Contact Name: BILL SALE
Telephone: 4089878001
Owner Name: INTEL CORPORATION
Owner Address: 3065 BOWERS AVENUE
Owner City,St,Zip: SANTA CLARA, CA 95951
Total Tanks: 0003

Tank Num: 001
Container Num: SC03IV01
Year Installed: 1976

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (SANTA CLARA III) (Continued)

U001601881

Tank Capacity: 00000600
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: SC03IV02
Year Installed: 1984
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor, Groundwater Monitoring Well

Tank Num: 003
Container Num: SC03IV03
Year Installed: 1976
Tank Capacity: 00000040
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

EMI:

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (SANTA CLARA III) (Continued)

U001601881

Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 2003
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.072
Reactive Organic Gases Tons/Yr: 0.0650053
Carbon Monoxide Emissions Tons/Yr: 0.028
NOX - Oxides of Nitrogen Tons/Yr: 0.127
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.011
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.010736

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORPORATION (SANTA CLARA III) (Continued)

U001601881

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .075
Reactive Organic Gases Tons/Yr: .0668435
Carbon Monoxide Emissions Tons/Yr: .03
NOX - Oxides of Nitrogen Tons/Yr: .174
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .012
Part. Matter 10 Micrometers and Smlr Tons/Yr:.011712

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 95051
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .077
Reactive Organic Gases Tons/Yr: .0707512
Carbon Monoxide Emissions Tons/Yr: .084
NOX - Oxides of Nitrogen Tons/Yr: .552
SOX - Oxides of Sulphur Tons/Yr: .009
Particulate Matter Tons/Yr: .029
Part. Matter 10 Micrometers and Smlr Tons/Yr:.028304

Name: INTEL CORPORATION
Address: 2880 NORTHWESTERN PKWY
City,State,Zip: SANTA CLARA, CA 92071
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 798
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .056
Reactive Organic Gases Tons/Yr: .0531929
Carbon Monoxide Emissions Tons/Yr: .036
NOX - Oxides of Nitrogen Tons/Yr: .345
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .005
Part. Matter 10 Micrometers and Smlr Tons/Yr:.00488

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

57
ENE
1/4-1/2
0.396 mi.
2093 ft.

MERIT SENSOR SYSTEMS
2330 WALSH AVENUE
SANTA CLARA, CA 95051

CA ENVIROSTOR **S100873749**
N/A

Relative:
Lower
Actual:
51 ft.

ENVIROSTOR:
Name: MERIT SENSOR SYSTEMS
Address: 2330 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 71003753
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36934
Longitude: -121.9669
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000255122
Alias Type: EPA Identification Number
Alias Name: 71003753
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M58
NNE
1/4-1/2
0.403 mi.
2129 ft.

SOLYNDRA INC
2895 NORTHWESTERN PKWY
SANTA CLARA, CA 95051

CA CPS-SLIC **S113144154**
CA HAZNET **N/A**
CA CERS
CA HWTS

Site 4 of 4 in cluster M

Relative:
Lower

CPS-SLIC:

Actual:
46 ft.

Name: VANTAGE DATA CENTER V6
 Address: 2895 NORTHWESTERN PARKWAY
 City,State,Zip: SANTA CLARA, CA 95051
 Region: STATE
Facility Status: Open - Verification Monitoring
 Status Date: 08/30/2018
 Global Id: T10000009577
 Lead Agency: SANTA CLARA COUNTY LOP
 Lead Agency Case Number: 2016-39s
 Latitude: 37.37375
 Longitude: -121.97151
 Case Type: Cleanup Program Site
 Case Worker: TLF
 Local Agency: SANTA CLARA COUNTY LOP
 RB Case Number: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Potential Media Affected: Soil
 Potential Contaminants of Concern: Arsenic, Lead
 EPA Region: 9
 Coordinate Source: Not reported
 Cuf Case: NO
 Quantity Released Gallons: Not reported
 Begin Date: 11/02/2016
 Leak Reported Date: Not reported
 How Discovered: Not reported
 How Discovered Description: Not reported
 Discharge Source: Not reported
 Discharge Cause: Not reported
 Stop Method: Not reported
 Stop Description: Not reported
 No Further Action Date: Not reported
 CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
 Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
 Disadvantaged Community: Disadvantaged Community
 CA Enviroscreen 3 Score: 76-80%
 CA Enviroscreen 4 Score: 55-60%
 Military DOD Site: No
 Facility Project Subtype: Not reported
 RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
 Site History: The Site comprises approximately 1.68-acres of land located at 2895 Northwestern Parkway in Santa Clara. The Site was previously developed with a commercial office building, paved parking lot, and limited landscaping. Redevelopment of the Site included demolition of the existing single-story structure and construction of a new two-story commercial building with landscaping and paved parking. Redevelopment also included construction of an external electrical equipment pad in the northeastern portion of the Site. Excluding foundations and utilities, proposed Site improvements were completed from the ground up with no subterranean basements or structures. Accordingly, the majority of grading and excavation involved handling of surface and near-surface soils (typically less than 3 feet below grade). Results of the 2016 TRC investigation indicated that total

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

arsenic and lead were present in the Site soils at concentrations exceeding the background concentration or environmental screening levels (ESLs) for residential and/or construction worker land use, and soluble lead was present at concentrations exceeding the STLC value. As such, arsenic and lead are considered chemical of concern (COCs) for the Site. Approximately 7,500 square feet of the landscaped areas were excavated to 2 feet below grade, or until reaching concrete-encased utilities, and backfilled with clean cap soil and landscaping soil. The excavated soil was classified as Class I waste and transported to an appropriate landfill under the supervision of Teichert Construction. In total, approximately 6,436.5 tons of soil were hauled as Class I waste to Republic Service s Environmental landfill in East Carbon Utah.

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Name: SOLYNDRA INC
Address: 2895 NORTHWESTERN PKWY
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950510903
Contact: SHAHZAD MAHMUD/DIRECTOR OF FAC
Telephone: 5104402455
Mailing Name: Not reported
Mailing Address: 47700 KATO RD

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAT080014079
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.9125

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAT080014079
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0025

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.209

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0045

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.54

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.375

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.12

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0875

Year: 2007
Gepaid: CAL000310861
TSD EPA ID: CAD008302903
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12

[Click this hyperlink](#) while viewing on your computer to access 5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2007
Gen EPA ID: CAL000310861

Shipment Date: 20070608
Creation Date: 10/18/2007 18:30:31

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Receipt Date: 20070614
Manifest ID: 002080771JJK
Trans EPA ID: CAR000177527
Trans Name: PHILIP WEST INDUSTRIAL SERVICES INC
Trans 2 EPA ID: CAR000096966
Trans 2 Name: CUSHENBERRY TRANSPORTATION
TSDf EPA ID: CAT000646117
Trans Name: CHEMICAL WASTE MANAGEMENT INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 12.642
Waste Quantity: 15
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070608
Creation Date: 10/23/2007 18:30:15
Receipt Date: 20070611
Manifest ID: 002080772JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418
Trans Name: EVERGREEN OIL INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070604
Creation Date: 2/4/2008 18:30:14
Receipt Date: 20070614
Manifest ID: 000146735VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000146735VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD004778742
Trans 2 Name: STURGEON AND SON INC
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1175
Waste Quantity: 235
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20070604
Creation Date: 10/18/2007 18:30:24
Receipt Date: 20070607
Manifest ID: 000146736VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Quantity Tons:	0.1375
Waste Quantity:	275
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070604
Creation Date:	2/4/2008 18:30:14
Receipt Date:	20070614
Manifest ID:	000146735VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070604
Creation Date:	2/4/2008 18:30:14
Receipt Date:	20070614
Manifest ID:	000146735VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.048
Waste Quantity:	96
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Additional Code 5:	Not reported
Shipment Date:	20070604
Creation Date:	10/23/2007 18:30:15
Receipt Date:	20070614
Manifest ID:	000057101VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070604
Creation Date:	2/4/2008 18:30:14
Receipt Date:	20070614
Manifest ID:	000146735VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070604
Creation Date:	10/23/2007 18:30:15
Receipt Date:	20070614
Manifest ID:	000057101VES
Trans EPA ID:	NJD080631369

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2006
Gen EPA ID:	CAL000310861
Shipment Date:	20061211
Creation Date:	4/19/2007 18:30:21
Receipt Date:	20061220
Manifest ID:	000053829VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060925
Creation Date:	4/19/2007 18:30:43
Receipt Date:	20061004
Manifest ID:	000057607VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOLYNDRA INC (Continued)

S113144154

TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: VANTAGE DATA CENTER V6
Address: 2895 NORTHWESTERN PARKWAY
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 412604
CERS ID: T10000009577
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TRAVIS L. FLORA - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Dr.
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183486,

HWTS:

Name: SOLYNDRA INC
Address: 2895 NORTHWESTERN PKWY
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAL000310861
Inactive Date: 06/30/2008
Create Date: 08/24/2006
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 47700 KATO RD
Mailing Address 2: Not reported
Mailing City,State,Zip: FREMONT, CA 945380000
Owner Name: SOLYNDRA INC
Owner Address: 3260 SCOTT BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 950543011
Contact Name: SHAHZAD MAHMUD/DIRECTOR OF FAC
Contact Address: 47700 KATO RD
Contact Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOLYNDRA INC (Continued)

S113144154

City,State,Zip: FREMONT, CA 945380000
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 37.37429
 Longitude: -121.97192

NAICS:
 EPA ID: CAL000310861
 Create Date: 2006-08-24 11:00:46.060
 NAICS Code: 334413
 NAICS Description: Semiconductor and Related Device Manufacturing
 Issued EPA ID Date: 2006-08-24 11:00:45.96700
 Inactive Date: 2008-06-30 00:00:00
 Facility Name: SOLYNDRA INC
 Facility Address: 2895 NORTHWESTERN PKWY
 Facility Address 2: Not reported
 Facility City: SANTA CLARA
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 950510903

59
ESE
1/4-1/2
0.469 mi.
2474 ft.

2330 MONROE STREET AFFORDABLE HOUSING PROJECT
2330 MONROE STREET
SANTA CLARA, CA 95050

CA ENVIROSTOR
CA VCP
CA NPDES
CA CIWQS
CA CERS

S126143210
N/A

Relative:
Higher
Actual:
59 ft.

ENVIROSTOR:
 Name: 2330 MONROE STREET AFFORDABLE HOUSING PROJECT
 Address: 2330 MONROE STREET
 City,State,Zip: SANTA CLARA, CA 95050
 Facility ID: 60002982
 Status: Active
 Status Date: 04/01/2020
 Site Code: 202306
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Agreement
 Acres: 2.5
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Armen Aghakiant
 Supervisor: Karina Navarro
 Division Branch: Cleanup Berkeley
 Assembly: , 25
 Senate: , 10
 Special Program: Voluntary Agreement - Standard Voluntary Agreement
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.36258
 Longitude: -121.9665
 APN: 22437068
 Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
 Potential COC: Arsenic DDE Lead
 Confirmed COC: Arsenic DDE Lead

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2330 MONROE STREET AFFORDABLE HOUSING PROJECT (Continued)

S126143210

Potential Description: SOIL
Alias Name: 22437068
Alias Type: APN
Alias Name: 202306
Alias Type: Project Code (Site Code)
Alias Name: 60002982
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/30/2020
Comments: SVA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/24/2020
Comments: Community Profiles completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/31/2020
Comments: Comment Period starts on August 12, 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2020
Comments: Comment Period Start on August 12, 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/22/2020
Comments: Removal action workplan approved with capping and land use covenant as the remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 04/16/2020
Comments: Request for Agency Oversight Application submitted to determine the appropriate agency for oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/22/2020
Comments: NOD filed with state clearing house.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2330 MONROE STREET AFFORDABLE HOUSING PROJECT (Continued)

S126143210

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: 2330 MONROE STREET AFFORDABLE HOUSING PROJECT
Address: 2330 MONROE STREET
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 60002982
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Armen Aghakiant
Supervisor: Karina Navarro
Division Branch: Cleanup Berkeley
Site Code: 202306
Assembly: , 25
Senate: , 10
Special Programs Code: Voluntary Agreement - Standard Voluntary Agreement
Status: Active
Status Date: 04/01/2020
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.36258 / -121.9665
APN: 22437068
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: 30001, 30007, 30013
Confirmed COC: 30001,30007,30013
Potential Description: SOIL
Alias Name: 22437068
Alias Type: APN
Alias Name: 202306
Alias Type: Project Code (Site Code)
Alias Name: 60002982
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2330 MONROE STREET AFFORDABLE HOUSING PROJECT (Continued)

S126143210

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/25/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/30/2020
Comments: SVA fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/24/2020
Comments: Community Profiles completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/31/2020
Comments: Comment Period starts on August 12, 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/31/2020
Comments: Comment Period Start on August 12, 2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/22/2020
Comments: Removal action workplan approved with capping and land use covenant as the remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 04/16/2020
Comments: Request for Agency Oversight Application submitted to determine the appropriate agency for oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/22/2020
Comments: NOD filed with state clearing house.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2024

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2330 MONROE STREET AFFORDABLE HOUSING PROJECT (Continued)

S126143210

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:

Name: MONROE STREET APARTMENTS
Address: 2330 MONROE STREET
City,State,Zip: SANTA CLARA, CA 95050
Facility Status: Active
NPDES Number: CAS000002
Region: 2
Agency Number: 0
Regulatory Measure ID: 547067
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 2 43C396682
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/02/2022
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1111 Broadway
Discharge Name: Freebird Development Company LLC
Discharge City: Oakland
Discharge State: California
Discharge Zip: 94607
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

Name: MONROE STREET APARTMENTS
Address: 2330 MONROE STREET
City,State,Zip: SANTA CLARA, CA 95050
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43C396682
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2330 MONROE STREET AFFORDABLE HOUSING PROJECT (Continued)

S126143210

Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 03/02/2022
Operator Name: Freebird Development Company LLC
Operator Address: 1111 Broadway
Operator City: Oakland
Operator State: California
Operator Zip: 94607

CIWQS:

Name: MONROE STREET APARTMENTS
Address: 2330 MONROE STREET
City,State,Zip: SANTA CLARA, CA 95050
Agency: Freebird Development Company LLC
Agency Address: 1111 Broadway Suite 300, Oakland, CA 94607
Place/Project Type: Construction - Residential
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C396682
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 03/02/2022
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.3625
Longitude: -121.966667

CERS:

Name: MONROE STREET APARTMENTS
Address: 2330 MONROE STREET
City,State,Zip: SANTA CLARA, CA 95050
Site ID: 622098
CERS ID: 902409
CERS Description: Construction Storm Water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

60
ENE
1/4-1/2
0.474 mi.
2503 ft.

Relative:
Lower

Actual:
51 ft.

**PACIFIC MAINTENENCE CO.
2294 WALSH AVE
SANTA CLARA, CA 95050**

**CA LUST S101304311
CA HIST LUST N/A
CA CERS HAZ WASTE
CA Cortese
CA HIST CORTESE
CA HAZNET
CA CERS
CA HWTS**

LUST:

Name: PACIFIC MAINTENENCE CO.
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500695
Global Id: T0608500695
Latitude: 37.3693
Longitude: -121.9638
Status: Completed - Case Closed
Status Date: 12/08/1997
Case Worker: DEH
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: * Digitized From APN (Acessor Parcel Maps)
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 02/05/1992
Leak Reported Date: 02/05/1992
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/08/1997
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:

Global Id: T0608500695
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Global Id: T0608500695
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608500695
Action Type: ENFORCEMENT
Date: 02/24/1992
Action: Notice of Responsibility - #40292

Global Id: T0608500695
Action Type: ENFORCEMENT
Date: 12/08/1997
Action: Closure/No Further Action Letter

Global Id: T0608500695
Action Type: RESPONSE
Date: 11/02/1993
Action: Other Report / Document

Global Id: T0608500695
Action Type: RESPONSE
Date: 12/08/1997
Action: Other Report / Document

Global Id: T0608500695
Action Type: Other
Date: 02/05/1992
Action: Leak Reported

Global Id: T0608500695
Action Type: ENFORCEMENT
Date: 08/13/1995
Action: Staff Letter - #31465

LUST:

Global Id: T0608500695
Status: Open - Case Begin Date
Status Date: 02/05/1992

Global Id: T0608500695
Status: Open - Site Assessment
Status Date: 04/24/1992

Global Id: T0608500695
Status: Open - Site Assessment
Status Date: 07/24/1992

Global Id: T0608500695
Status: Completed - Case Closed
Status Date: 12/08/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W34E01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/24/1992
Pollution Characterization Began: 7/24/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Name: PACIFIC MAINTENENCE CO.
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA
Region: SANTA CLARA
SCVWD ID: 06S1W34E01F
Date Closed: 12/08/1997
EDR Link ID: 06S1W34E01F

HIST LUST SANTA CLARA:

Name: Pacific Maintenance Co.
Address: 2294 Walsh Ave
City: Santa Clara
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W34E01
Oversite Agency: SCVWD
Date Listed: 1992-02-20 00:00:00
Closed Date: 1997-12-08 00:00:00

CERS HAZ WASTE:

Name: DUALSONIC INC
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050
Site ID: 26614
CERS ID: 10159515
CERS Description: Hazardous Waste Generator

CORTESE:

Name: PACIFIC MAINTENENCE CO.
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608500695
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: PACIFIC MAINTENANCE
edr_fadd1: 2294 WALSH
City,State,Zip: SANTA CLARA, CA 95050
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0664

HAZNET:

Name: DUALSONIC INC
Address: 2294 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
Contact: RICHIE CHAO
Telephone: 4084578585
Mailing Name: Not reported
Mailing Address: 2294 WALSH AVE

Year: 2017
Gepaid: CAL000376332
TSD EPA ID: MXC130619001
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 0.22935

Year: 2015
Gepaid: CAL000376332
TSD EPA ID: MXC130619001
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H020 - Solvents Recovery
Tons: 0.22935

Additional Info:

Year: 2017
Gen EPA ID: CAL000376332

Shipment Date: 20170419

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Creation Date: 5/12/2018 18:31:59
Receipt Date: 20170427
Manifest ID: 012530744JJK
Trans EPA ID: CAD982434037
Trans Name: BRITTELL ENVIRONMENTAL CORP
Trans 2 EPA ID: CAR000194217
Trans 2 Name: TEMARRY RECYCLING INC
TSDf EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO (D)
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAL000376332

Shipment Date: 20150914
Creation Date: 2/9/2016 22:15:11
Receipt Date: 20150928
Manifest ID: 012527173JJK
Trans EPA ID: CAD982434037
Trans Name: BRITTELL ENVIRONMENTAL CORP
Trans 2 EPA ID: CAR000194217
Trans 2 Name: TEMARRY RECYCLING INC
TSDf EPA ID: MXC130619001
Trans Name: RECICLADORA TEMARRY DE MEXICO (D)
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: Not reported
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: PACIFIC MAINTENENCE CO.
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Site ID: 254718
CERS ID: T0608500695
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: DUALSONIC INC
Address: 2294 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050
Site ID: 26614
CERS ID: 10159515
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 09-16-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 11/12/2020. Correct activity page on HMBP and CERS submittal by marking yes for over 55 gallon hazardous material storage in facility.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 09-16-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Attached link can be used for this submittal on CERS-
<http://www.unidocs.org/hazmat/hazardous-waste/un-017.pdf>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 11-05-2013
Citation: HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)

Violation Description: Failure to submit a revised business plan upon a substantial change in the handler's operations.

Violation Notes: Returned to compliance on 08/13/2014.
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 11-05-2013
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 11/22/2013.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 09-16-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: No annual review in past 12 months, use CERS to provide annual update
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 09-16-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Provide correct inventory information (chemical name, hazard and volume) on HMBP using CERS
Violation Division: Santa Clara City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 11-05-2013
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 11/22/2013.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 26614
Site Name: Dualsonic Inc
Violation Date: 11-05-2013
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post, next to the telephone, Emergency Information (SQG) containing the location of emergency equipment, contact names and numbers.
Violation Notes: Returned to compliance on 11/22/2013.
Violation Division: Santa Clara City Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2013
Violations Found: No
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-12-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations observed during inspection
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-21-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Santa Clara City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 26614
Facility Name: Dualsonic Inc
Env Int Type Code: HWG
Program ID: 10159515
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Latitude: 37.369470
Longitude: -121.964410

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Richie Chao
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (408) 457-8584,

Affiliation Type Desc: Legal Owner
Entity Name: Richie Chao
Entity Title: Not reported
Affiliation Address: 577 Blairburry Way
Affiliation City: San Jose
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95123
Affiliation Phone: (408) 457-8584,

Affiliation Type Desc: Parent Corporation
Entity Name: Dualsonic Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Santa Clara City Fire Dept
Entity Title: Not reported
Affiliation Address: 1675 Lincoln Street
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: (408) 615-4970,

Affiliation Type Desc: Identification Signer
Entity Name: Julie Huor
Entity Title: Office Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Julie Huor
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Richie Chao
Entity Title: Not reported
Affiliation Address: 2294 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2294 Walsh Ave
Affiliation City: Santa Clara
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95050
Affiliation Phone: ,

HWTS:

Name: DUALSONIC INC
Address: 2294 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
EPA ID: CAL000376332
Inactive Date: Not reported
Create Date: 07/16/2012
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2294 WALSH AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950500000
Owner Name: DUALSONIC INC
Owner Address: 2294 WALSH AVE
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 950500000
Contact Name: RICHIE CHAO
Contact Address: 2294 WALSH AVE
Contact Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.369458
Longitude: -121.964538

NAICS:

EPA ID: CAL000376332

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC MAINTENENCE CO. (Continued)

S101304311

Create Date: 2012-07-16 10:23:15.190
 NAICS Code: 336399
 NAICS Description: All Other Motor Vehicle Parts Manufacturing
 Issued EPA ID Date: 2012-07-16 10:23:15.19000
 Inactive Date: Not reported
 Facility Name: DUALSONIC INC
 Facility Address: 2294 WALSH AVE
 Facility Address 2: Not reported
 Facility City: SANTA CLARA
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 95050

61
WNW
1/4-1/2
0.488 mi.
2576 ft.

FAYETTE PROPERTIES
111 URANIUM DR
SUNNYVALE, CA 94086

CA LUST S102429833
CA HIST LUST N/A
CA Cortese
CA HIST CORTESE
CA CERS

Relative:
Lower
Actual:
52 ft.

LUST:
 Name: FAYETTE PROPERTIES
 Address: 111 URANIUM DR
 City,State,Zip: SUNNYVALE, CA 94086
 Lead Agency: SANTA CLARA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500604
 Global Id: T0608500604
 Latitude: 37.3712144672189
 Longitude: -121.983132362366
 Status: Completed - Case Closed
 Status Date: 07/20/1993
 Case Worker: DEH
 RB Case Number: Not reported
 Local Agency: SANTA CLARA COUNTY LOP
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: Not reported
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 EPA Region: 9
 Coordinate Source: Google Map Move
 Cuf Case: NO
 Quantity Released Gallons: Not reported
 Begin Date: 04/01/1989
 Leak Reported Date: 05/30/1989
 How Discovered: Not reported
 How Discovered Description: Not reported
 Discharge Source: Not reported
 Discharge Cause: Not reported
 Stop Method: Not reported
 Stop Description: Not reported
 No Further Action Date: 07/20/1993
 CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
 Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
 Disadvantaged Community: Not reported
 CA Enviroscreen 3 Score: 76-80%
 CA Enviroscreen 4 Score: 55-60%
 Military DOD Site: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAYETTE PROPERTIES (Continued)

S102429833

Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:

Global Id: T0608500604
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

Global Id: T0608500604
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608500604
Action Type: ENFORCEMENT
Date: 07/15/1993
Action: Closure/No Further Action Letter

Global Id: T0608500604
Action Type: RESPONSE
Date: 03/22/1994
Action: Other Report / Document

Global Id: T0608500604
Action Type: Other
Date: 05/30/1989
Action: Leak Reported

Global Id: T0608500604
Action Type: REMEDIATION
Date: 08/02/1990
Action: Excavation

Global Id: T0608500604
Action Type: ENFORCEMENT
Date: 08/15/1990
Action: Notice of Responsibility - #40288

Global Id: T0608500604
Action Type: ENFORCEMENT
Date: 04/01/1994
Action: Closure/No Further Action Letter - #43-0566

LUST:

Global Id: T0608500604
Status: Open - Case Begin Date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAYETTE PROPERTIES (Continued)

S102429833

Status Date: 04/01/1989

Global Id: T0608500604
Status: Open - Site Assessment
Status Date: 04/01/1989

Global Id: T0608500604
Status: Open - Site Assessment
Status Date: 08/15/1990

Global Id: T0608500604
Status: Open - Verification Monitoring
Status Date: 05/21/1991

Global Id: T0608500604
Status: Completed - Case Closed
Status Date: 07/20/1993

LUST REG 2:

Region: 2
Facility Id: Not reported
Facility Status: Case Closed
Case Number: 06S1W33D01f
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/1/1989
Pollution Characterization Began: 8/15/1990
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 5/21/1991

LUST SANTA CLARA:

Name: FAYETTE PROPERTIES
Address: 111 URANIUM DR
City,State,Zip: SUNNYVALE, CA
Region: SANTA CLARA
SCVWD ID: 06S1W33D01F
Date Closed: 07/20/1993
EDR Link ID: 06S1W33D01F

HIST LUST SANTA CLARA:

Name: Fayette Properties
Address: 111 Uranium Dr
City: Sunnyvale
Region: SANTA CLARA
Region Code: 2
SCVWD ID: 06S1W33D01
Oversite Agency: SCVWD
Date Listed: 1990-01-01 00:00:00
Closed Date: 1993-07-20 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAYETTE PROPERTIES (Continued)

S102429833

CORTESE:

Name: FAYETTE PROPERTIES
Address: 111 URANIUM DR
City,State,Zip: SUNNYVALE, CA 94086
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608500604
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: FAYETTE PROPERTIES
edr_fadd1: 111 URANIUM
City,State,Zip: SUNNYVALE, CA
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0566

CERS:

Name: FAYETTE PROPERTIES
Address: 111 URANIUM DR
City,State,Zip: SUNNYVALE, CA 94086
Site ID: 209844
CERS ID: T0608500604
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAYETTE PROPERTIES (Continued)

S102429833

Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

N62
North
1/4-1/2
0.497 mi.
2623 ft.

ELECTROGLAS
2901-3001 CORONADO DRIVE
SANTA CLARA, CA 95054

CA CPS-SLIC S106235049
CA CERS N/A

Site 1 of 3 in cluster N

Relative:
Lower

SLIC REG 2:
Region: 2
Facility ID: 43S0556
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RPR
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Actual:
44 ft.

CPS-SLIC:

Name: ELECTROGLAS
Address: 2901-3001 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/31/2011
Global Id: SL18362782
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.380185
Longitude: -121.973597
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0556
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 10/01/1996
Leak Reported Date: 06/06/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROGLAS (Continued)

S106235049

How Discovered: * RPR, Site Assessment/Site Investigation
How Discovered Description: Environmental investigation shows soil and gw impact.
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Other Means
Stop Description: Not reported
No Further Action Date: 10/31/2011
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: The site had solvent releases from two sources. A release of TCA from a truck loading area. A release of PCE from a sanitary sewer line. A groundwater extraction system was installed at the truck loading area and groundwater was extracted and concentrations of TCA significantly reduced. The extraction system was turned off when solvent concentrations reached asymptotic levels in the extracted groundwater. The sanitary sewer where PCE was released was excavated and replaced. The site was then put under monitored natural attenuation. It was closed in October 2011.

[Click here to access the California GeoTracker records for this facility:](#)

CERS:

Name: ELECTROGLAS
Address: 2901-3001 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 190885
CERS ID: SL18362782
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

63
East
1/2-1
0.503 mi.
2657 ft.

SPECTRA, INC.
2230 MARTIN AVENUE
SANTA CLARA, CA 95050

CA ENVIROSTOR S108747596
N/A

Relative:
Higher

ENVIROSTOR:
Name: SPECTRA, INC.
Address: 2230 MARTIN AVENUE
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 71003754

Actual:
54 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECTRA, INC. (Continued)

S108747596

Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36690
Longitude: -121.9635
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000259859
Alias Type: EPA Identification Number
Alias Name: 110016743256
Alias Type: EPA (FRS #)
Alias Name: 71003754
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

N64
 North
 1/2-1
 0.510 mi.
 2693 ft.

SYNERTEK
STENDER WAY AND CORONADO DRIVE
SANTA CLARA, CA 95054

CA BOND EXP. PLAN **S100833474**
 N/A

Site 2 of 3 in cluster N

Relative:
Lower
Actual:
43 ft.

CA BOND EXP. PLAN:

Responsible Party: RWQCB REFERRAL SITE
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc:

The Synertek site is proposed for the National Priority List. The RWQCB will continue to have lead responsibility for monitoring the RP's remedial activities. Until such time as the RWQCB refers the site to DHS for follow-up using Bond funds, no money will be budgeted from the fund for this site.

Site Description:

Synertek Buildings #1 and #3 are located near the intersection of Stender Way and Coronado Drive in Santa Clara. The site occupies about two acres and is surrounded by residential, industrial and commercial development.

Hazardous Waste Desc:

The volatile organic compounds present in the ground water at the site include trichloroethylene (TCE), trichloroethane (TCA), dichloroethane (DCA), dichloroethene (DCE), trans-1,2-dichloroethylene (DCE), vinyl chloride, Freon 113, acetone, xylenes, ethylbenzene, chloroethane, toluene, methyl ethyl ketone and methyl isobutyl ketone.

Threat To Public Health & Env:

About 300,000 people living within 3 miles of the site depend on ground water as a source of drinking water. Contaminants which have migrated from the site into the ground water represent a potential threat to aquifers used for drinking water.

Site Activity Status:

Soil borings in the vicinity of underground storage tanks indicated leakage from the tanks. In 1985, Honeywell (the owner of Synertek) removed underground collection, receiving and processing tanks. The tanks and contaminated soils were disposed of offsite. The RWQCB issued site cleanup requirements on July 15, 1987 for this site. In June, 1987 Honeywell began operating an onsite ground water extraction and treatment system.

N65
 North
 1/2-1
 0.514 mi.
 2715 ft.

TOPPAN PHOTOMASKS, INC.
2970 CORONADO DRIVE
SANTA CLARA, CA 95054

RCRA-LQG **1000348715**
CA ENVIROSTOR **CAD000629469**
FINDS

Site 3 of 3 in cluster N

Relative:
Lower
Actual:
43 ft.

RCRA Listings:

Date Form Received by Agency: 20160205
 Handler Name: Toppan Photomasks, Inc.
 Handler Address: 2970 CORONADO DRIVE
 Handler City,State,Zip: SANTA CLARA, CA 95054
 EPA ID: CAD000629469
 Contact Name: BRANDT GROTTTE
 Contact Address: MISSION COLLEGE BOULEVARD
 Contact City,State,Zip: SANTA CLARA, CA 95054
 Contact Telephone: 408-660-4322
 Contact Fax: 408-988-4923
 Contact Email: BRANDT.GROTTTE@PHOTOMASK.COM
 Contact Title: ENVIRONMENTAL MANAGER
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2015
 Accessibility: Not reported
 Active Site Indicator: Handler Activities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	MISSION COLLEGE BOULEVARD
Mailing City, State, Zip:	SANTA CLARA, CA 95054
Owner Name:	Coresite
Owner Type:	Private
Operator Name:	Toppan Photomasks, Inc.
Operator Type:	Private
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161104
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPAN PHOTOMASKS, INC.
Legal Status: Private
Date Became Current: 19900101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOPPAN PHOTOMASKS INC
Legal Status: Private
Date Became Current: 20050422
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ULTRATECH CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CORESITE
Legal Status: Private
Date Became Current: 20080101
Date Ended Current: Not reported
Owner/Operator Address: 900 NORTH ALEMEDA STREET
Owner/Operator City,State,Zip: LOS ANGELES, CA 90012
Owner/Operator Telephone: 213-327-1226
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CORESITE
Legal Status: Private
Date Became Current: 20100101
Date Ended Current: Not reported
Owner/Operator Address: 55 S MARKET ST STE 1410

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

Owner/Operator City,State,Zip: SAN JOSE, CA 95113
Owner/Operator Telephone: 408-981-4303
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160205
Handler Name: TOPPAN PHOTOMASKS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901
Handler Name: DU PONT PHOTOMASKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19891130
Handler Name: DU PONT PHOTOMASKS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20121017
Handler Name: TOPPAN PHOTOMASKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325992
NAICS Description: PHOTOGRAPHIC FILM, PAPER, PLATE, CHEMICAL, AND COPY TONER
MANUFACTURING

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ENVIROSTOR:

Name: DUPONT PHOTOMASKS, INC.
Address: 2920 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71002120
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37508
Longitude: -121.9732
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD000629469
Alias Type: EPA Identification Number
Alias Name: 110002147613
Alias Type: EPA (FRS #)
Alias Name: 71002120
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPPAN PHOTOMASKS, INC. (Continued)

1000348715

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/04/2012
Comments: Toppan Photomasks, Inc. sent a letter to DTSC providing notification they had ceased operations at their location at 2920 Coronado Drive. The company's administrative office was transferred to 3000 Coronado Drive, and the closure does not affect the company's operations at 2970 and 3016 Coronado Drive.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110070737448

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

66
NW
1/2-1
0.519 mi.
2739 ft.

TWIN SOLUTIONS, LLC
2940 KIFER ROAD
SANTA CLARA, CA 95051

CA ENVIROSTOR S108756933
N/A

Relative:
Lower
Actual:
47 ft.

ENVIROSTOR:
Name: TWIN SOLUTIONS, LLC
Address: 2940 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 71003479
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TWIN SOLUTIONS, LLC (Continued)

S108756933

Latitude: 37.37333
 Longitude: -121.9805
 APN: 21628083
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 21628083
 Alias Type: APN
 Alias Name: CAR000045070
 Alias Type: EPA Identification Number
 Alias Name: 110009553447
 Alias Type: EPA (FRS #)
 Alias Name: 71003479
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

67
NW
1/2-1
0.612 mi.
3231 ft.

Relative:
Lower

Actual:
45 ft.

MICRO CHEM, INC. - OAKMEAD VILLAGE CT
2986 OAKMEAD VILLAGE CT
SANTA CLARA, CA 95951

CA ENVIROSTOR S103947954
CA CPS-SLIC N/A
CA DEED
CA Cortese
CA ENF
CA HIST CORTESE
CA CIWQS
CA CERS

ENVIROSTOR:

Name: MICRO CHEM, INC. - OAKMEAD VILLAGE CT
 Address: 2986 OAKMEAD VILLAGE CT
 City,State,Zip: SANTA CLARA, CA 95951
 Facility ID: 71003022
 Status: No Further Action
 Status Date: 06/08/2016
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 1.22
 NPL: NO
 Regulatory Agencies: SMBRP, CITY OF SANTA CLARA
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37519
Longitude: -121.9813
APN: 21648026
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Arsenic Lead
Confirmed COC: Arsenic Lead
Potential Description: SOIL
Alias Name: 21648026
Alias Type: APN
Alias Name: CAD982402570
Alias Type: EPA Identification Number
Alias Name: 110000784937
Alias Type: EPA (FRS #)
Alias Name: SL720621213
Alias Type: GeoTracker Global ID
Alias Name: 71003022
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 04/17/2014
Comments: DTSC performed a site screening to determine whether any releases of hazardous substances or wastes have occurred at the site that require corrective actions. The U.S. Environmental Protection Agency (EPA) placed the Site on the National Priorities in May 1986. Groundwater at the Site is contaminated with volatile organic compounds, which is believed to have resulted from surface spills and a leak from an underground storage tank. EPA selected a remedy for the Site with groundwater pump and treat as the primary component in a 1991 Record of Decision. A groundwater extraction treatment system was operated until 1996 and monitored natural attenuation (MNA) has been the de facto remedy at the Site since system operation ceased. The Regional Water Quality Control Board was lead agency overseeing cleanup at the Site until July 2006, when EPA took over as the lead agency. EPA has not yet formally documented the change in the remedy to MNA in an Explanation of Significant Differences or ROD amendment. DTSC concluded that the site status should be

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 06/08/2016
Comments: DTSC updated the site screening completed in 2014 based on new information included in a Facility Closure Report and provided by California Environmental Management Service Company, Inc., the consultant for Micro-Chem. Micro-Chem ceased operations in October 2015 and surface wipe samples and soil samples were collected in March and April 2016 as part of facility closure activities that were overseen by the City of Santa Clara Fire Department. One section of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

drywall was removed and disposed as hazardous waste due to copper (8,000 micrograms per wipe). The concentrations of lead, arsenic, and cyanide detected in soil samples were below the applicable DTSC screening levels or U.S. EPA Regional Screening Levels for residential (i.e. unrestricted) land use. The Santa Clara Fire Department signed off on both the final hazardous materials closure of the Micro-Chem facility and the final closure of the wastewater treatment unit that had been operated under permit-by-rule. The Site is located on a property that is part of the Intel Magnetics/Micro Storage Corporation (IM/MSC) Superfund Site, but Micro-Chem has not been identified by the U.S. Environmental Protection Agency as a responsible party for the IM/MSC Superfund Site. The updated site screening recommended a

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: MICROSTORAGE/INTEL MAGNETICS
Address: 2986 OAKMEAD VILLAGE CT
City,State,Zip: SANTA CLARA, CA 95051
Region: STATE
Facility Status: Open - Inactive
Status Date: 03/09/2021
Global Id: SL720621213
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.375141
Longitude: -121.981409
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0062
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1982
Leak Reported Date: 01/02/1985
How Discovered: Site Assessment/Site Investigation
How Discovered Description: Groundwater sampled.
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Other Means
Stop Description: Discharge cause is unknown. No on-going source.
No Further Action Date: Not reported
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: On July 7, 2006, the Water Board transferred this case to USEPA. As of March 2021, the USEPA webpage for the site is here:
<https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0901661>

Click here to access the California GeoTracker records for this facility:

DEED:

Name: MICROSTORAGE/INTEL MAGNETICS
Address: 2986 OAKMEAD VILLAGE CT
City,State,Zip: SANTA CLARA, CA 95051
Envirostor ID: SL720621213
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/12/1993
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:

Name: MICRO STORAGE/INTEL MAG
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438305N03
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

Name: MICRO STORAGE/INTEL MAG
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438305N03
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: KIM CAMP 3-2986 OAKMEAD VI
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 234996
Agency Name: Kimosabe Corporation
Place Type: Facility
Place Subtype: Groundwater Cleanup Site
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: 0.05
Threat To Water Quality: 2
Complexity: B
Pretreatment: N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type: Contaminated ground water
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 438305001
Reg Measure Id:	183064
Reg Measure Type:	Enrollee
Region:	2
Order #:	95-00713
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/21/1990
Effective Date:	03/21/1990
Expiration/Review Date:	Not reported
Termination Date:	07/20/1999
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	238776
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	01/02/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438305001
Description:	Request for a technical report as part of the 5 year review process for superfund sites.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Name: MICRO STORAGE/INTEL MAG
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 240606
Agency Name: Kim Camp 3
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 438305N03
Reg Measure Id: 162365
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	223289
Region:	2
Order / Resolution Number:	93-153
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/19/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438305N03
Description:	SCR-AMENDED.
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	MICRO STORAGE/INTEL MAG
Address:	2986 OAKMEAD VILLAGE
City,State,Zip:	SANTA CLARA, CA 95051
Region:	2
Facility Id:	240606
Agency Name:	Kim Camp 3
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438305N03
Reg Measure Id:	162365
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222860
Region:	2
Order / Resolution Number:	89-017
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	01/18/1989
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438305N03
Description:	SCR TO CLEAN UP GROUND WATER POLLUTED WITH TCE, TCA, AND FREON-113.
Program:	UNREGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: MICRO STORAGE/INTEL MAG
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 240606
Agency Name: Kim Camp 3
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 438305N03
Reg Measure Id: 162365
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 222615
Region: 2
Order / Resolution Number: 89-086
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 05/17/1989
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 438305N03
Description: ENF ORDER
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: MICRO STORAGE/INTEL MAG
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Region: 2
Facility Id: 240606
Agency Name: Kim Camp 3
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438305N03
Reg Measure Id:	162365
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222100
Region:	2
Order / Resolution Number:	91-119
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/17/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438305N03
Description: ENF ORDER
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-MICRO STORAGE/INTEL M
edr_fadd1: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438305N03

CIWQS:

Name: MICRO CHEM INC
Address: 2986 OAKMEAD VILLAGE CT
City,State,Zip: SANTA CLARA, CA 95051
Agency: Micro Chem Inc
Agency Address: 2986 Oakmead Village Ct, Santa Clara, CA 95051
Place/Project Type: Industrial - Printed Circuit Boards
SIC/NAICS: 3672(+)
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43I011217
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 10/14/1994
Termination Date: 04/20/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37507
Longitude: -121.98081

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MICRO CHEM, INC. - OAKMEAD VILLAGE CT (Continued)

S103947954

Name: KIM CAMP 3-2986 OAKMEAD VI
Address: 2986 OAKMEAD VILLAGE
City,State,Zip: SANTA CLARA, CA 95051
Agency: Kimosabe Corporation
Agency Address: 50 West San Fernando Street 420, San Jose, CA 95113
Place/Project Type: Groundwater Cleanup Site
SIC/NAICS: Not reported
Region: 2
Program: NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: 95-00713
WDID: 2 438305001
NPDES Number: CAG912003
Adoption Date: 01/18/1995
Effective Date: 01/18/1995
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: 0.05
Major/Minor: Major, Minor
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

CERS:

Name: MICROSTORAGE/INTEL MAGNETICS
Address: 2986 OAKMEAD VILLAGE CT
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 244790
CERS ID: SL720621213
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

68
NNW
1/2-1
0.624 mi.
3295 ft.

**INTEL CORP. SC #1&2
3065 BOWERS AVENUE
SANTA CLARA, CA 95052**

**CA ENVIROSTOR U001601880
CA HIST UST N/A
CA CIWQS**

**Relative:
Lower
Actual:
41 ft.**

ENVIROSTOR:
Name: INTEL CORP. SC #1&2
Address: 3065 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95052
Facility ID: 71002421

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. SC #1&2 (Continued)

U001601880

Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37665
Longitude: -121.9761
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD047897855
Alias Type: EPA Identification Number
Alias Name: 110001133434
Alias Type: EPA (FRS #)
Alias Name: 71002421
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

Name: SANTA CLARA 1 BUILDING (FAB II)
Address: 3065 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000048121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEL CORP. SC #1&2 (Continued)

U001601880

Facility Type: Other
Other Type: SEMICONDUCTOR MFG.
Contact Name: DICK OLSEN
Telephone: 4089878059
Owner Name: INTEL CORPORATION
Owner Address: 3065 BOWERS AVENUE
Owner City,St,Zip: SANTA CLARA, CA 95951
Total Tanks: 0005

Tank Num: 001
Container Num: SC01IV01
Year Installed: 1981
Tank Capacity: 00005000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: SC01IV02
Year Installed: 1974
Tank Capacity: 00000650
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Groundwater Monitoring Well

Tank Num: 003
Container Num: SC01IV03
Year Installed: 1979
Tank Capacity: 00000200
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/2
Leak Detection: Visual

Tank Num: 004
Container Num: SC01IV04
Year Installed: 1976
Tank Capacity: 00000060
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 005
Container Num: SC01IV05
Year Installed: 1974
Tank Capacity: 00006100
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

CIWQS:
Name: BOWERS CAMPUS
Address: 3065 BOWERS AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

INTEL CORP. SC #1&2 (Continued)

U001601880

City,State,Zip: SANTA CLARA, CA 95054
 Agency: Intel
 Agency Address: 2200 Mission College Blvd, Santa Clara, CA 95054
 Place/Project Type: Construction - Commercial
 SIC/NAICS: Not reported
 Region: 2
 Program: CONSTW
 Regulatory Measure Status: Terminated
 Regulatory Measure Type: Storm water construction
 Order Number: 2009-0009-DWQ
 WDID: 2 43C368286
 NPDES Number: CAS000002
 Adoption Date: Not reported
 Effective Date: 11/19/2013
 Termination Date: 04/14/2016
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 37.37666
 Longitude: -121.97615

O69
North
1/2-1
0.636 mi.
3356 ft.

Relative:
Lower

Actual:
40 ft.

3050 CORONADO, SYNERTEK B-1
3050 CORONADO
SANTA CLARA, CA 95054

Site 1 of 2 in cluster O

CA ENVIROSTOR S100939837
CA CPS-SLIC N/A
CA HIST Cal-Sites
CA DEED
CA Cortese
CA ENF
CA HIST CORTESE
CA NPDES
CA CIWQS
CA CERS
CA NON-CASE INFO

ENVIROSTOR:
 Name: SYNERTEK, INC. (BUILDING 1)
 Address: 3050 CORONADO DR
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 43990002
 Status: Refer: RWQCB
 Status Date: 10/04/1989
 Site Code: Not reported
 Site Type: Federal Superfund
 Site Type Detailed: State Response or NPL
 Acres: Not reported
 NPL: YES
 Regulatory Agencies: US EPA
 Lead Agency: US EPA
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.37713
Longitude: -121.9730
APN: 216-46-019
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SYNERTEK #1
Alias Type: Alternate Name
Alias Name: 216-46-019
Alias Type: APN
Alias Name: 110002903886
Alias Type: EPA (FRS #)
Alias Name: P23084
Alias Type: PCode
Alias Name: 43990002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/24/1991
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: CRYSTAL SOLAR
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60001754
Status: Refer: RWQCB
Status Date: 11/21/2013
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 1.7
NPL: YES
Regulatory Agencies: TPCAB
Lead Agency: TPCAB
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 24
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Funding: Not Applicable
Latitude: 37.37719
Longitude: -121.9726
APN: 21646019
Past Use: MANUFACTURING - ELECTRONIC, UNDERGROUND STORAGE TANKS
Potential COC: Freon 113 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Xylenes
Confirmed COC: 30012-NO 1,1,1-Trichloroethane (TCA 30593-NO 30027-NO
Potential Description: AQUI
Alias Name: 21646019
Alias Type: APN
Alias Name: CAD990832735
Alias Type: EPA Identification Number
Alias Name: SL721241222
Alias Type: GeoTracker Global ID
Alias Name: 60001754
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 05/07/2014
Comments: In 1974, Synertek leased the Site for semiconductor manufacturing. The Site is currently occupied by Crystal Solar. Groundwater contamination was discovered at the Site in 1982. The identified sources of the groundwater contamination were solvent and neutralization tanks. The U.S. Environmental Protection Agency (U.S. EPA) listed the Site on the National Priorities List in 1989; however, the Regional Water Quality Control Board (RWQCB) has been overseeing the cleanup of the Site. Honeywell, who acquired Synertek in 1979, operated a groundwater extraction and treatment from 1987 to 2001, when a trial period of monitoring natural attenuation was begun. U.S. EPA's 2012 Fourth Five-Year Review stated that 1,1-TCA and Freon-113 were below cleanup standards in all wells. The Report concluded that TCE is the main contaminant of concern. The Five-Year Review recommended that alternative remedies be evaluated for the Site. The 2013 CH2M Hill Focused Feasibility Study recommended enhanced in-situ bioremediation followed by monitored natural attenuation. The Site's history indicates that it is actively being managed by U.S. EPA and RWQCB. In the site screening, DTSC made a

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/23/2010
Comments: Phase I checklist indicates no further action. This has not been verified by DTSC.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

CPS-SLIC:

Name: HONEYWELL, INC. [NPDES]
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/03/2009
Global Id: SL0608595400
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.37707
Longitude: -121.972672
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S1060
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1999
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/03/2009
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: No Water Board oversight of cleanup at this site. This case is included in Geotracker because the site is covered by the Water Board's NPDES general permits for discharges from pump and treat systems to surface waters (one each for fuels- and VOC-impacted sites). This can happen for two reasons: (i) the site is overseen by another agency (e.g., USEPA or DTSC) and needs coverage under one of the NPDES general permits or (ii) construction dewatering in an area of groundwater contamination necessitates NPDES general permit coverage. Including this case in Geotracker helps staff to receive and review required NPDES reports. Discharger received a Notice of Termination on March 12, 2009.

[Click here to access the California GeoTracker records for this facility:](#)

Calsite:

Name: SYNERTEK, INC. (BUILDING 1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Address: 3050 CORONADO DR
City: SANTA CLARA
Region: BERKELEY
Facility ID: 43990002
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 10041989
Status: DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13
Facility ID: 43990002
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12241991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: REFRW
Definition of Status: PROPERTY/SITE REFERRED TO RWQCB
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: STENDER WAY & CORONADO DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Alternate City,St,Zip: SANTA CLARA, CA 95054
Alternate Address: 3050 CORONADO DR
Alternate City,St,Zip: SANTA CLARA, CA 95054
Alternate Address: 3050 CORONADO DR
Alternate City,St,Zip: SANTA CLARA, CA 95054
Background Info: Synertek #1 was added to the National Priorities List (NPL) in September 1989 and is currently under the oversight of the San Francisco Regional Water Quality Control Board.
Not reported
Synertek Inc, a subsidiary of Honeywell Inc, manufactured semiconductor products in the Synertek #1 facility from 1978 to 1988. Between 1974 and 1982, one 100-gallon solvent tank and three neutralization tanks were installed at the Site. These tanks were found to be the source of the soil and groundwater contamination. The tanks and contaminated soil was removed in 1985. Groundwater is being remediated.
Comments Date: Not reported
Comments: Not reported
ID Name: BEP DATABASE PCODE
ID Value: P23084
Alternate Name: SYNERTEK, INC. (BUILDING 1)
Alternate Name: SYNERTEK #1
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:

Name: SYNERTEK #1
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: SL721241222
Area: Not reported
Sub Area: Not reported
Site Type: NONCLEANUP
Status: Not reported
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 12/30/1991
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:

Name: 3050 CORONADO, SYNERTEK B-1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438135N01
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: 3050 CORONADO, SYNERTEK B-1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 202344
Agency Name: Honeywell Inc. & The RREEF FND
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.377036
Place Longitude: -121.972564
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 438135N01
Reg Measure Id: 162909
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220378
Region:	2
Order / Resolution Number:	87-084
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	07/15/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438135N01
Description:	SCR-HONEYWELL-3050 CORONADO DR-RREEF FUNDS-GRNDWTR CLUP
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	3050 CORONADO, SYNERTEK B-1
Address:	3050 CORONADO
City,State,Zip:	SANTA CLARA, CA 95054
Region:	2
Facility Id:	202344
Agency Name:	Honeywell Inc. & The RREEF FND
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.377036
Place Longitude:	-121.972564

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438135N01
Reg Measure Id:	162909
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220069
Region:	2
Order / Resolution Number:	89-113
Enforcement Action Type:	Clean-up and Abatement Order

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Effective Date: 06/21/1989
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 438135N01
Description: ORDER 89-113 RECINDS ORDER 87-084
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: 3050 CORONADO, SYNERTEK B-1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 202344
Agency Name: Honeywell Inc. & The RREEF FND
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.377036
Place Longitude: -121.972564
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Program Category2: UNREGS
Of Programs: 1
WDID: 2 438135N01
Reg Measure Id: 162909
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 219825
Region: 2
Order / Resolution Number: 91-051
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 03/20/1991
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438135N01
Description: SCR-FINAL REMEDIAL ACTION PLAN
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: 3050 CORONADO, SYNERTEK B1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Facility Id: 202345
Agency Name: Honeywell Inc. & The RREEF FND
Place Type: Facility
Place Subtype: Groundwater Cleanup Site
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: 0.0288
Threat To Water Quality: 2
Complexity: B
Pretreatment: X - Facility is not a POTW
Facility Waste Type: Contaminated ground water
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: NPDNONMUNIPRCS
Program Category1: NPDESWW
Program Category2: NPDESWW
Of Programs: 1
WDID: 2 438135002
Reg Measure Id: 183020
Reg Measure Type: Enrollee
Region: 2
Order #: R2-2004-0055
Npdes# CA#: CAG912003
Major-Minor: Minor
Npdes Type: Not reported
Reclamation: N - No
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Historical
Status Date: 11/04/2010
Effective Date: 05/20/1987
Expiration/Review Date: Not reported
Termination Date: 12/03/2009
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

WDR Review - Planned: Not reported
Status Enrollee: Y
Individual/General: I
Fee Code: 62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice: Passive
Enforcement Id(EID): 238774
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 01/02/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438135002
Description: Request for a technical report for the 5 year review that is due for the site.
Program: NPDNONMUNIPRCS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-SYNERTEK 1, 3050 CORO
edr_fadd1: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438135N01

NPDES:

Name: CRYSTAL SOLAR INC
Address: 3050 CORONADO DR
City,State,Zip: SANTA CLARA, CA 95054
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43NEC000081
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 01/13/2017
Operator Name: Tirunelveli Ravi
Operator Address: 3050 Coronado Dr
Operator City: Santa Clara
Operator State: California
Operator Zip: 95054

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 2
Regulatory Measure ID: 400024
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 2 43NEC000081
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 01/12/2017
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 07/15/2015
Processed Date: 09/23/2009
Status: Terminated
Status Date: 01/13/2017
Place Size: 18900
Place Size Unit: SqFt
Contact: Allen Louie
Contact Title: Not reported
Contact Phone: 408-490-1356
Contact Phone Ext: Not reported
Contact Email: alouie@xtasolar.com
Operator Name: Tirunelveli Ravi
Operator Address: 3050 Coronado Dr
Operator City: Santa Clara
Operator State: California
Operator Zip: 95054
Operator Contact: Allen Louie
Operator Contact Title: Not reported
Operator Contact Phone: 408-490-1356
Operator Contact Phone Ext: Not reported
Operator Contact Email: alouie@xtasolar.com
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Allen Louie
Certifier Title:	Senior Operations Manager
Certification Date:	15-JUL-15
Primary Sic:	3674-Semiconductors and Related Devices
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	2
Regulatory Measure ID:	400024
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43NEC000081
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/23/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	01/12/2017
Discharge Name:	Tirunelveli Ravi
Discharge Address:	3050 Coronado Dr
Discharge City:	Santa Clara
Discharge State:	California
Discharge Zip:	95054
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	KEYSIGHT TECHNOLOGIES
Address:	3050 CORONADO DRIVE
City,State,Zip:	SANTA CLARA, CA 95054
Facility Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43NEC011713
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 12/14/2022
Operator Name: Keysight Technologies
Operator Address: 3050 Coronado Drive
Operator City: Santa Clara
Operator State: California
Operator Zip: 95054

Name: KEYSIGHT TECHNOLOGIES
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility Status: Active
NPDES Number: CAS000001
Region: 2
Agency Number: 0
Regulatory Measure ID: 554349
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 2 43NEC011713
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/14/2022
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 3050 Coronado Drive
Discharge Name: Keysight Technologies
Discharge City: Santa Clara
Discharge State: California
Discharge Zip: 95054
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

CIWQS:

Name: CRYSTAL SOLAR INC
Address: 3050 CORONADO DR
City,State,Zip: SANTA CLARA, CA 95054
Agency: Tirunelveli Ravi
Agency Address: 3050 Coronado Dr, Santa Clara, CA 95054
Place/Project Type: Industrial - Semiconductors and Related Devices
SIC/NAICS: 3674
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43NEC000081
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 09/23/2009
Termination Date: 01/12/2017
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37704
Longitude: -121.97256

Name: 3050 CORONADO, SYNERTEK B1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Agency: Honeywell Inc. & The RREEF FND
Agency Address: 2525 West 190th Street, Torrance, CA 90504-6099
Place/Project Type: Groundwater Cleanup Site
SIC/NAICS: 3674
Region: 2
Program: NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: 94-08802
WDID: 2 438135002
NPDES Number: CAG912003
Adoption Date: 07/20/1994
Effective Date: 07/20/1994
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: 0.0288
Major/Minor: Major, Minor
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

CERS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Name: 3050 CORONADO, SYNERTEK B1
Address: 3050 CORONADO
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 348332
CERS ID: 202345
CERS Description: NPDES Wastewater and Stormwater

Enforcement Action:

Site ID: 348332
Site Name: 3050 Coronado, Synertek B1
Site Address: 3050 CORONADO
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 01-02-2002
Enf Action Type: Enforcement Letter (Formal)
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Name: HONEYWELL, INC. [NPDES]
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 243275
CERS ID: SL0608595400
CERS Description: Cleanup Program Site

Name: HONEYWELL INC
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 472813
CERS ID: 110041040815
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: LOU GONZALES SAN FRANCISCO BAY RWQCB REGN 2ND
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: KEYSIGHT TECHNOLOGIES
Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 625205
CERS ID: 907796
CERS Description: Industrial Facility Storm Water

NON-CASE INFO:

Name: SYNERTEK #1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3050 CORONADO, SYNERTEK B-1 (Continued)

S100939837

Address: 3050 CORONADO DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Global ID: SL721241222
Case Type: Non-Case Information
Status: Informational Item / Review Complete
Status Date: 12/20/2021
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0124
Loc Case Number: Not reported
File Location: Regional Board
Potential Contaminants of Concern: * Volatile Organic Compounds (VOC)
Potential Media Affected: Other Groundwater (uses other than drinking water)
Site History: The pollutants released to groundwater at the site are the volatile organic compounds (VOCs), trichloroethene, dichloroethene, trichloroethene and several other VOCs. The VOC concentrations in groundwater have been significantly reduced through groundwater extraction and treatment. The site is currently under monitored natural attenuation status. A pilot test of enhanced in-situ bioremediation (EISB) has been carried out. The results of the pilot test show that EISB is effective in breaking down VOCs. A proposal for expanding the EISB treatment to further reduce VOC concentrations in groundwater has been submitted.
Begin Date: 11/01/1982
How Discovered: Site Assessment/Site Investigation
How Discovered Description: Soil and groundwater sampled.
Stop Method: Close and Remove Tank
Stop Description: Underground solvent tank and three neutralization tanks excavated and removed.
Latitude: 37.37707
Longitude: -121.972672
Geotracker: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL721241222
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Leak Reported Date: 01/01/1983
Discharge Source: Tank
Discharge Cause: Unknown
No Further Action Date: Not reported
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P70
NNE
1/2-1
0.647 mi.
3417 ft.

SARATOGA GAP MAINTENANCE
3025 STENDER
SANTA CLARA, CA 95054

CA ENVIROSTOR
CA EMI
CA HIST CORTESE

S100854285
N/A

Site 1 of 2 in cluster P

Relative:
Lower
Actual:
40 ft.

ENVIROSTOR:
Name: SEMITEC CORP./SANTA CLARA
Address: 3025 STENDER WAY
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71002579
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37735
Longitude: -121.9707
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD076311661
Alias Type: EPA Identification Number
Alias Name: 110000844436
Alias Type: EPA (FRS #)
Alias Name: 71002579
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SARATOGA GAP MAINTENANCE (Continued)

S100854285

EMI:

Name: AIRCO SPECIAL GASES
 Address: 3025 STENDER WAY
 City,State,Zip: SANTA CLARA, CA 950510000
 Year: 1990
 County Code: 43
 Air Basin: SF
 Facility ID: 2376
 Air District Name: BA
 SIC Code: 5169
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HIST CORTESE:

edr_fname: SARATOGA GAP MAINTENANCE
 edr_fadd1: 3025 STENDER
 City,State,Zip: SANTA CLARA, CA 95054
 Region: CORTESE
 Facility County Code: 43
 Reg By: LTNKA
 Reg Id: 2376

P71
NNE
1/2-1
0.648 mi.
3420 ft.

INTEGRATED DEVICE TECHNOLOGY
3001 STENDER WAY
SANTA CLARA, CA 95054

Site 2 of 2 in cluster P

CA ENVIROSTOR 1000202575
CA CPS-SLIC N/A
CA Cortese
CA EMI
CA HIST CORTESE
CA CERS

Relative:
Lower

Actual:
41 ft.

ENVIROSTOR:
 Name: INTEGRATED DEVICE TECHNOLOGY
 Address: 3001 STENDER WAY
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 43360137
 Status: Refer: RWQCB
 Status Date: 03/01/2002
 Site Code: Not reported
 Site Type: Evaluation
 Site Type Detailed: Evaluation
 Acres: 3.39
 NPL: NO
 Regulatory Agencies: RWQCB 2 - San Francisco Bay
 Lead Agency: RWQCB 2 - San Francisco Bay
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRATED DEVICE TECHNOLOGY (Continued)

1000202575

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37716
Longitude: -121.9695
APN: 21629107
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * OXYGENATED SOLVENTS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HONEYWELL INC
Alias Type: Alternate Name
Alias Name: SYNERTEK
Alias Type: Alternate Name
Alias Name: 21629107
Alias Type: APN
Alias Name: CAD982464356
Alias Type: EPA Identification Number
Alias Name: 110021335492
Alias Type: EPA (FRS #)
Alias Name: SL18211591
Alias Type: GeoTracker Global ID
Alias Name: 43360137
Alias Type: Envirostor ID Number
Alias Name: 71003053
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/21/1997
Comments: RWQCB providing oversight

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/01/2002
Comments: RWQCB is providing oversight

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 05/17/2019
Comments: According to RWQCB, the source contamination has been removed and remaining contaminant levels would not be significantly reduced by continued groundwater extraction. Shallow groundwater at site is not extracted for drinking water or any other use. CERCLIS Non-NPL Status Change: NFRAP

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRATED DEVICE TECHNOLOGY (Continued)

1000202575

Schedule Revised Date: Not reported

Name: INTEGRATED DEVICE TECHNOLOGY, INC.
Address: 3001 STENDER WAY
City,State,Zip: SANTA CLARA, CA 95052
Facility ID: 71003053
Status: Refer: RWQCB
Status Date: 09/12/2013
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 3.39
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37714
Longitude: -121.9696
APN: 21629107
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride Xylenes
Confirmed COC: 30026-NO 30593-NO 30027-NO 30028-NO
Potential Description: OTH
Alias Name: 21629107
Alias Type: APN
Alias Name: CAD982464356
Alias Type: EPA Identification Number
Alias Name: 110021335492
Alias Type: EPA (FRS #)
Alias Name: SL18211591
Alias Type: GeoTracker Global ID
Alias Name: 43360137
Alias Type: Envirostor ID Number
Alias Name: 71003053
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 04/10/2014
Comments: DTSC performed a site screening to determine whether any releases of hazardous substances or wastes have occurred at the site that require

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRATED DEVICE TECHNOLOGY (Continued)

1000202575

corrective actions. The Regional Water Quality Control Board (RWQCB) issued cleanup requirements in 1987 and rescinded the cleanup order in 2001. The 2001 order noted that vinyl chloride was present in groundwater at concentrations up to 3 parts per billion (ppb), exceeding the cleanup level of 0.5 ppb; however, shallow groundwater at the site was not extracted for drinking water or any other use. A drive-by inspection of the site by DTSC in October 2013 revealed that the one building on the site was currently occupied and paved around the perimeter. There were no observations indicating that there had been a release of hazardous waste. DTSC concluded that the site status should be

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: HONEYWELL INC.
Address: 3001 STENDER WY
City,State,Zip: SANTA CLARA, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/17/2001
Global Id: SL18211591
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.377015
Longitude: -121.969352
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0163
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 03/01/1993
Leak Reported Date: 01/02/1965
How Discovered: * RBD
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/17/2001
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRATED DEVICE TECHNOLOGY (Continued)

1000202575

CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CORTESE:

Name: 3001 STENDER WAY-SYNERTEK3
Address: 3001 STENDER , #12-3175
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438135N03
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

EMI:

Name: HONEYWELL, INC
Address: 3001 STENDER WAY
City,State,Zip: SANTA CLARA, CA 950540000
Year: 1987
County Code: 43
Air Basin: SF
Facility ID: 2526
Air District Name: BA
SIC Code: 3823
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTEGRATED DEVICE TECHNOLOGY (Continued)

1000202575

Name: HONEYWELL, INC
Address: 3001 STENDER WAY
City,State,Zip: SANTA CLARA, CA 950540000
Year: 1990
County Code: 43
Air Basin: SF
Facility ID: 2526
Air District Name: BA
SIC Code: 3823
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HIST CORTESE:

edr_fname: SCR-3001 STENDER WAY-SYNE
edr_fadd1: 3001 STENDER
City,State,Zip: SANTA CLARA, CA 95052
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438135N03

edr_fname: HOUSE RESIDENCE
edr_fadd1: 3001 STENDER
City,State,Zip: SANTA CLARA, CA 95052
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 2526

CERS:

Name: HONEYWELL INC.
Address: 3001 STENDER WY
City,State,Zip: SANTA CLARA, CA
Site ID: 189836
CERS ID: SL18211591
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q72
NNW
1/2-1
0.649 mi.
3429 ft.

MEMTECH TECHNOLOGY CORPORATION
3000 OAKMEAD VILLAGE CT
SANTA CLARA, CA 95051

CA ENVIROSTOR **S106835456**
CA EMI **N/A**

Site 1 of 2 in cluster Q

Relative:
Lower
Actual:
43 ft.

ENVIROSTOR:
Name: MICRO STORAGE/INTEL MAGNETICS
Address: 3000 OAKMEAD VILLAGE DRIVE
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 43350086
Status: Refer: RWQCB
Status Date: 06/08/1994
Site Code: 200054
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: Not reported
NPL: YES
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.37578
Longitude: -121.9808
APN: 216-48-025
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: INTEL CORPORATION - MAGNETICS
Alias Type: Alternate Name
Alias Name: INTEL MAGNETICS
Alias Type: Alternate Name
Alias Name: 216-48-025
Alias Type: APN
Alias Name: CAD092212497
Alias Type: EPA Identification Number
Alias Name: 110002663500
Alias Type: EPA (FRS #)
Alias Name: P23079
Alias Type: PCode
Alias Name: 200054
Alias Type: Project Code (Site Code)
Alias Name: 43350086
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/31/1993
Comments: The site is being overseen by the SFRWQCB pursuant to Order No. 91-119. The report which was the basis for this screening was

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MEMTECH TECHNOLOGY CORPORATION (Continued)

S106835456

produced pursuant to this order. The groundwater is contaminated with organic solvents. The following chemicals are listed followed by the highest result for the last round of analysis.(March or June '92): Dichloroethane(1.8 ppm), Dichloroethylene(13 ppm), Perchloroethylene(<2 ppm), Trichloroethane(17ppm), Trichloroethylene(140 ppm), and Freon 113(90ppm). VOC concentrations have decreased approximately 40 to 70 percent since groundwater extraction began in Jan. 1991. dn5

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

EMI:

Name: MEMTECH TECHNOLOGY CORPORATION
 Address: 3000 OAKMEAD VILLAGE CT
 City,State,Zip: SANTA CLARA, CA 95051
 Year: 1987
 County Code: 43
 Air Basin: SF
 Facility ID: 2785
 Air District Name: BA
 SIC Code: 3674
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 3
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

**Q73
 NNW
 1/2-1
 0.649 mi.
 3429 ft.**

**INTEL CORPORATION - MAGNETICS
 3000 OAKMEAD VILLAGE DRIVE
 SANTA CLARA, CA 95051**

**CA BOND EXP. PLAN S100833410
 N/A**

Site 2 of 2 in cluster Q

**Relative:
 Lower
 Actual:
 43 ft.**

CA BOND EXP. PLAN:
 Responsible Party: NPL SITE CLEANUP WORKPLAN
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc: Intel Corporation, the responsible party, has been conducting remedial activities under the direction of the RWQCB. DHS has budgeted \$50,000 for oversight and monitoring of the RP's cleanup activities. DHS will recover 100 percent of direct costs plus staff costs and overhead related to this project.
 Site Description: Intel Corporation operates a microprocessor testing facility at this one acre site. The site is located adjacent to other industrial and commercial

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

INTEL CORPORATION - MAGNETICS (Continued)

S100833410

development. Chemical used in the manufacturing process and wastes generated from this process were handled and stored onsite in drums and in an underground storage tank.

Hazardous Waste Desc: Soil and shallow ground water at the site are contaminated with trichloroethane (TCA), trichloroethylene (TCE), Freon-113, dichloroethane (DCA) and dichloroethylene (DCE). The source of contamination has not been identified.

Threat To Public Health & Env: Approximately 300,000 people residing within a 3-mile radius of this site depend on local ground water for drinking water. This ground water is derived from a deep aquifer. It is not known if this deep aquifer is hydraulically connected to the contaminated shallow zone at the site. While there are no reported impacts on public or private wells, four City of Sunnyvale municipal wells and 20 of the 27 City of Santa Clara municipal wells are located within a 3-mile radius of the site. The closest municipal well to the site is City of Santa Clara well No. 21. This well is located approximately 2,800 feet from the nearest contaminated monitoring well.

Site Activity Status: An underground storage tank which was used to store solvents at the facility has been removed and a system of ground water monitoring and extraction wells has been installed. Contaminated ground water is currently being pumped at a rate of 12,000 gallons per day and is treated by carbon adsorption prior to discharge into the Calabasas Creek and the South San Francisco Bay. Intel Corporation has completed their investigation to characterize the nature and extent of ground water contamination. The RWQCB has concluded that contamination is mainly from sources off the site. The RWQCB has issued an order to conduct additional RI/FS work.

R74 **BAYDAY CHEMICAL**
ENE **2096-B WALSH AVE**
1/2-1 **SANTA CLARA, CA 95050**
0.663 mi.
3502 ft.

CA ENVIROSTOR **S103952078**
CA HWP **N/A**

Site 1 of 2 in cluster R

Relative: **ENVIROSTOR:**
Lower Name: BAYDAY CHEMICAL
Actual: Address: 2096-B WALSH AVE
49 ft. City,State,Zip: SANTA CLARA, CA 950500000
 Facility ID: 80001838
 Status: No Further Action
 Status Date: 08/30/2002
 Site Code: 200267
 Site Type: Corrective Action
 Site Type Detailed: Corrective Action
 Acres: 0
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: WM
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.36923
 Longitude: -121.9618
 APN: 224-10-105
 Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEMICAL (Continued)

S103952078

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 224-10-105
Alias Type: APN
Alias Name: CAT080012263
Alias Type: EPA Identification Number
Alias Name: 200267
Alias Type: Project Code (Site Code)
Alias Name: 80001838
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/17/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 08/30/2002
Comments: The RCRA Facility Assessment Report recommended no further action for the four solid waste management units identified at the facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 02/15/2008
Comments: RFA recommends NFA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 11/19/1980
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWP:

EPA ID: CAT080012263
Name: BAYDAY CHEMICAL
Address: 2096-B WALSH AVE
Cleanup Status: CLOSED
Latitude: 37.36923
Longitude: -121.9618
Facility Type: Historical - Non-Operating
Facility Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEMICAL (Continued)

S103952078

Supervisor: Not reported
Site Code: 200267
Senate District: 10
Assembly District: 25
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Not reported
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 76-80%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

EPA ID: CAT080012263
Facility Type: Historical - Non-Operating
Facility Name: BAYDAY CHEMICAL
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 10/29/1985

EPA ID: CAT080012263
Facility Type: Historical - Non-Operating
Facility Name: BAYDAY CHEMICAL
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA ID: CAT080012263
Facility Type: Historical - Non-Operating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEMICAL (Continued)

S103952078

Facility Name: BAYDAY CHEMICAL
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 01/31/1986

Closure:

EPA ID: CAT080012263
Facility Type: Historical - Non-Operating
Facility Name: BAYDAY CHEMICAL
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 12/28/1995

EPA ID: CAT080012263
Facility Type: Historical - Non-Operating
Facility Name: BAYDAY CHEMICAL
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 12/28/1995

Alias:

EPA ID: CAT080012263

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEMICAL (Continued)

S103952078

Facility Type: Historical - Non-Operating
Facility Name: BAYDAY CHEMICAL
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 200267

R75
ENE
1/2-1
0.663 mi.
3502 ft.

BAYDAY CHEM
2102 WALSH AVE
SANTA CLARA, CA 95050
Site 2 of 2 in cluster R

SEMS-ARCHIVE 1000184990
CORRACTS CAT080012263
RCRA-TSDF
RCRA NonGen / NLR

Relative:
Lower
Actual:
49 ft.

SEMS Archive:
Site ID: 0902675
EPA ID: CAT080012263
Name: BAYDAY CHEM
Address: 2096 WALSH STREET
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
Cong District: 13
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0902675
EPA ID: CAT080012263
Site Name: BAYDAY CHEM
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0902675
EPA ID: CAT080012263
Site Name: BAYDAY CHEM
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-06-17 04:00:00
Qual: D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Current Action Lead: EPA Perf
Region: 09
Site ID: 0902675
EPA ID: CAT080012263
Site Name: BAYDAY CHEM
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-10-25 04:00:00
Finish Date: 1990-10-25 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

Name: BAYDAY CHEM
Address: 2102 WALSH AVE
Address 2: Not reported
EPA ID: CAT080012263
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 20080215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: BAYDAY CHEM
Address: 2102 WALSH AVE
Address 2: Not reported
EPA ID: CAT080012263
Area Name: ENTIRE FACILITY
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date: 20080215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: BAYDAY CHEM
Address: 2102 WALSH AVE
Address 2: Not reported
EPA ID: CAT080012263
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 20020830
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: BAYDAY CHEM

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Address: 2102 WALSH AVE
 Address 2: Not reported
 EPA ID: CAT080012263
 Area Name: ENTIRE FACILITY
 Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
 Actual Date: 20020830
 Air Release Indicator: Not reported
 Groundwater Release Indicator: Not reported
 Soil Release Indicator: Not reported
 Surface Water Release Indicator: Not reported

RCRA TSDF:

Treatment Storage and Disposal Type: Storage, Treatment
 Full Enforcement Universe: Not reported
 Corrective Action Workload Universe: No
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Storage, Treatment
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported
 Operating TSDF Universe: Not reported
 Commercial TSD Indicator: Yes
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
 TSDFs Only Subject to CA under Discretionary Auth Universe: No

RCRA Listings:

Date Form Received by Agency: 19920804
 Handler Name: Bayday Chem
 Handler Address: 2102 WALSH AVE
 Handler City,State,Zip: SANTA CLARA, CA 95050
 EPA ID: CAT080012263
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 2
 Mailing Address: 2096 B WALSH AVENUE
 Mailing City,State,Zip: SANTA CLARA, CA 95050
 Owner Name: Not reported
 Owner Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Operator Name:	Thomas F. Taylor
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021107
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: THOMAS F. TAYLOR	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2096 B WALSH AVENUE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050
Owner/Operator Telephone:	408-727-8634
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Owner/Operator Indicator: Operator
Owner/Operator Name: THOMAS F. TAYLOR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2096 B WALSH AVENUE
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 408-727-8634
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19920804
Handler Name: BAYDAY CHEM
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801108
Handler Name: BAYDAY CHEM
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900515
Handler Name: BAYDAY CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920312
Handler Name: BAYDAY CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: BAYDAY CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960228
Handler Name: BAYDAY CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32511
NAICS Description: PETROCHEMICAL MANUFACTURING

NAICS Code: 325998
NAICS Description: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19920430
Actual Return to Compliance Date: 19930101
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19870914
Actual Return to Compliance Date:	19871216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19871105
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19891115
Actual Return to Compliance Date:	19911203
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19900105
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19891013
Actual Return to Compliance Date: 19891108
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19891019
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19920430
Evaluation Responsible Agency: EPA Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930101
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Evaluation Date: 19911203
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870914
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19871216
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19891115
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19911203
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19940127
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19891013
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BAYDAY CHEM (Continued)

1000184990

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19891108
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

O76
North
1/2-1
0.675 mi.
3563 ft.

APPLIED MATERIALS, INC., CORONADO
3111 CORONADO DRIVE #15, MS1501
SANTA CLARA, CA 95054

CA ENVIROSTOR **S110493643**
N/A

Site 2 of 2 in cluster O

Relative:
Lower
Actual:
38 ft.

ENVIROSTOR:
Name: APPLIED MATERIALS, INC., CORONADO
Address: 3111 CORONADO DRIVE #15, MS1501
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003346
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS, INC., CORONADO (Continued)

S110493643

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.35410
Longitude: -121.9552
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000138211
Alias Type: EPA Identification Number
Alias Name: 71003346
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

77
NNE
1/2-1
0.682 mi.
3599 ft.

**CHIP EXPRESS CORP.
2323 OWEN STREET
SANTA CLARA, CA 95054**

**CA ENVIROSTOR S103956224
N/A**

Relative:
Lower
Actual:
42 ft.

ENVIROSTOR:
Name: CHIP EXPRESS CORP.
Address: 2323 OWEN STREET
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003368
Status: Inactive - Needs Evaluation
Status Date: 11/07/2013
Site Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHIP EXPRESS CORP. (Continued)

S103956224

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 2.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37670
Longitude: -121.9665
APN: 22446004
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 22446004
Alias Type: APN
Alias Name: CAL000159952
Alias Type: EPA Identification Number
Alias Name: 71003368
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

78
North
1/2-1
0.716 mi.
3781 ft.

ADVANCE CIRCUIT SERVICES
3150 CORONADO DRIVE #C
SANTA CLARA, CA 95054

CA ENVIROSTOR S110493575
N/A

Relative:
Lower
Actual:
39 ft.

ENVIROSTOR:
Name: ADVANCE CIRCUIT SERVICES
Address: 3150 CORONADO DRIVE #C
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003010
Status: Inactive - Needs Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ADVANCE CIRCUIT SERVICES (Continued)

S110493575

Status Date: 01/11/2013
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 1
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: Not reported
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37841
Longitude: -121.9745
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982345449
Alias Type: EPA Identification Number
Alias Name: 71003010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

S79
NNE
1/2-1
0.720 mi.
3801 ft.

KAWATEC
3030/3040 OLCOTT ST
SANTA CLARA, CA 95051

CA ENVIROSTOR S100351762
CA HIST CORTESE N/A

Site 1 of 2 in cluster S

Relative:
Lower
Actual:
39 ft.

ENVIROSTOR:
Name: KAWATEC
Address: 3030/3040 OLCOTT ST
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 43280135
Status: Refer: RWQCB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAWATEC (Continued)

S100351762

Status Date: 09/24/1994
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.9
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay, SANTA CLARA VALLEY WATER DISTRICT
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37737
Longitude: -121.9675
APN: 224-46-008, 22446008
Past Use: MANUFACTURING - ELECTRONIC
Potential COC: Tetrachloroethylene (PCE TPH-MOTOR OIL Trichloroethylene (TCE Vinyl chloride Acetone 1,1-Dichloroethylene
Confirmed COC: Tetrachloroethylene (PCE Acetone TPH-MOTOR OIL Trichloroethylene (TCE 1,1-Dichloroethylene Vinyl chloride
Potential Description: OTH, SOIL, SV
Alias Name: KAWATEC
Alias Type: Alternate Name
Alias Name: 224-46-008
Alias Type: APN
Alias Name: 22446008
Alias Type: APN
Alias Name: 43280135
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1992
Comments: The present level of contamination at the site poses a significant threat to public and environmental health. Therefore, PEA of high priority is recommended. The site consists of two manufacturing facilities operated by Kawasaki Wafer Technology (KAWATEC). Both onsite soil and groundwater were contaminated. Soil was contaminated by heavy soils and perchloroethylene (PCE) beneath the drum storage area at the site. The solvents found were primarily perchloroethylene (PCE) (440 ppb) and trichloroethylene TCE-(430 ppb), and some of their breakdown products. One of the solvents, PCE (100 ppb), has migrated to the upper most aquifer in both identified source areas. The current levels of contaminants at both soil and groundwater exceeded the state action levels and pose a significant threat to public and environmental health. Based on available information, there is an observed release at the site. Therefore, PEA investigation and risk assessment are required to determine the current status of the site and evaluate the existing risk.
Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAWATEC (Continued)

S100351762

Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/08/2000
Comments: Site cleaned up under RWQCB oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/1991
Comments: Soil excavation and soil vapor extraction recommended for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/08/1991
Comments: PCE was detected in soil and groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/03/1991
Comments: 1,158 cubic yards of contaminated soil was removed from the site and transferred to a Class 1 landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/01/1992
Comments: A soil vapor extraction system was operated for 6 months and shut down for 2 months. Groundwater sampling showed that PCE was below detection limit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/24/1994
Comments: Regional Water Quality Control Board case closure and other letters.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST CORTESE:

edr_fname: KAWATEC
edr_fadd1: 3030/3040 OLCOTT ST
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Facility County Code: 43
Reg By: CALSI
Reg Id: 43280135

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S80
NNE
1/2-1
0.720 mi.
3801 ft.

UNISIL CORP.
3030/3040 OLCOTT STREET
SANTA CLARA, CA 95054

CA ENVIROSTOR **S110494418**
N/A

Site 2 of 2 in cluster S

Relative:
Lower

ENVIROSTOR:

Actual:
39 ft.

Name: UNISIL CORP.
Address: 3030/3040 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003545
Status: Inactive - Needs Evaluation
Status Date: 05/09/2000
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37738
Longitude: -121.9674
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT080032188
Alias Type: EPA Identification Number
Alias Name: 71003545
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Compliance Verification
Completed Date: 05/09/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 12/13/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISIL CORP. (Continued)

S110494418

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

81
North
1/2-1
0.740 mi.
3905 ft.

APPLE INC
3250 SCOTT BLVD
SANTA CLARA, CA 95054

CA ENVIROSTOR **1000362635**
RCRA NonGen / NLR **CAT000623983**
CA WDS
CA CIWQS

Relative:
Lower

ENVIROSTOR:
Name: SYNERGY SEMICONDUCTOR, INC.
Address: 3250 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003503
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37863
Longitude: -121.9719
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT000623983
Alias Type: EPA Identification Number
Alias Name: 71003503
Alias Type: Envirostor ID Number

Actual:
39 ft.

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/22/2016
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

RCRA Listings:

Date Form Received by Agency: 20201106
Handler Name: Apple Inc
Handler Address: 3250 SCOTT BLVD
Handler City,State,Zip: SANTA CLARA, CA 95054
EPA ID: CAT000623983
Contact Name: KEVIN SUNG
Contact Address: APPLE PARK WAY
Contact City,State,Zip: CUPERTINO, CA 95014
Contact Telephone: 408-908-0167
Contact Fax: Not reported
Contact Email: KEVIN_SUNG@APPLE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: INFINITE LOOP
Mailing City,State,Zip: CUPERTINO, CA 95014
Owner Name: Jenab Family Trust
Owner Type: Private
Operator Name: Apple Inc
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: N
Sub-Part K Indicator: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
202 GPRA Corrective Action Baseline: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
Corrective Action Priority Ranking: No NCAPS ranking
Environmental Control Indicator: No
Institutional Control Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20201109
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLE INC
Legal Status: Private
Date Became Current: 20140829
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INTERSIL INCORPORATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10710 NORTH TANTAU AVENUE
Owner/Operator City,State,Zip: NOT REQUIRED, CA 99999
Owner/Operator Telephone: 408-996-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICREL-SYNERGY SEMICONDUCTOR
Legal Status: Private
Date Became Current: 19961001

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KALIL JENAB
Legal Status: Private
Date Became Current: 20100922
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICREL-SYNERGY SEMICONDUCTOR
Legal Status: Private
Date Became Current: 19961001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SYNERGY SEMICONDUCTOR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3250 SCOTT BLVD
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054-3011
Owner/Operator Telephone: 408-980-9191
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JENAB FAMILY TRUST
Legal Status: Private
Date Became Current: 20100922
Date Ended Current: Not reported
Owner/Operator Address: 108 SYLVIAN WAY
Owner/Operator City,State,Zip: LOS ALTOS, CA 94022
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Owner/Operator Name: DEERFIELD REALTY CORP
Legal Status: Private
Date Became Current: 20000301
Date Ended Current: Not reported
Owner/Operator Address: 3258 ALAMEDA DE LAS PULGAS
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JENAB FAMILY TRUST
Legal Status: Private
Date Became Current: 20100922
Date Ended Current: Not reported
Owner/Operator Address: 108 SYLVIAN WAY
Owner/Operator City,State,Zip: LOS ALTOS, CA 94022
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JENAB FAMILY TRUST
Legal Status: Private
Date Became Current: 20100922
Date Ended Current: Not reported
Owner/Operator Address: 108 SYLVIAN WAY
Owner/Operator City,State,Zip: LOS ALTOS, CA 94022
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DEERFIELD REALTY CORP
Legal Status: Private
Date Became Current: 20000301
Date Ended Current: Not reported
Owner/Operator Address: 3258 ALAMEDA DE LAS PULGAS
Owner/Operator City,State,Zip: MENLO PARK, CA 94025
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APPLE INC
Legal Status: Private
Date Became Current: 20140829
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20201106
Handler Name: APPLE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040216
Handler Name: MICREL-SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19981214
Handler Name: SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20141006
Handler Name: APPLE 3250 SCOTT BLVD

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150630
Handler Name: APPLE INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900416
Handler Name: HARRIS/INTERSIL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020212
Handler Name: SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040216
Handler Name: MICREL-SYNERGY SEMICONDUCTOR
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334111
NAICS Description: ELECTRONIC COMPUTER MANUFACTURING

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

NAICS Code: 53121
NAICS Description: OFFICES OF REAL ESTATE AGENTS AND BROKERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

WDS:

Name: SYNERGY SEMICONDUCTOR
Address: 3250 Scott Blvd
City: SANTA CLARA
Facility ID: San Francisco Bay 431014928
Facility Type: Industrial - Facility that treats and/or disposes of liquid or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE INC (Continued)

1000362635

semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 2

Facility Telephone: 4089809191

Facility Contact: THOMAS WENGER

Agency Name: SYNERGY SEMICONDUCTOR

Agency Address: 3250 Scott Blvd

Agency City,St,Zip: Santa Clara 950543011

Agency Contact: THOMAS WENGER

Agency Telephone: 4089809191

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: SYNERGY SEMICONDUCTOR

Address: 3250 SCOTT BLVD

City,State,Zip: SANTA CLARA, CA 95054

Agency: Synergy Semiconductor

Agency Address: 3250 Scott Blvd, Santa Clara, CA 95054

Place/Project Type: Industrial - Semiconductors and Related Devices

SIC/NAICS: 3674

Region: 2

Program: INDSTW

Regulatory Measure Status: Terminated

Regulatory Measure Type: Storm water industrial

Order Number: 2014-0057-DWQ

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APPLE INC (Continued)

1000362635

WDID: 2 43I014928
 NPDES Number: CAS000001
 Adoption Date: Not reported
 Effective Date: 01/28/1999
 Termination Date: 02/13/2004
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 37.37959
 Longitude: -121.97161

82
East
1/2-1
0.743 mi.
3922 ft.

Relative:
Lower

Actual:
51 ft.

SANMINA PLANT 3
2539 SCOTT BLVD.
SANTA CLARA, CA 95050

RCRA-SQG **1000455748**
CA ENVIROSTOR **CAD982429615**
ICIS
FINDS
ECHO
CA HIST CORTESE
CA HAZNET
CA HWTS

RCRA Listings:
 Date Form Received by Agency: 20020226
 Handler Name: Sanmina Plant 3
 Handler Address: 2539 SCOTT BLVD
 Handler City,State,Zip: SANTA CLARA, CA 95050
 EPA ID: CAD982429615
 Contact Name: KHALID RUHULLAH
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: 408-983-3334
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2700 NORTH FIRST ST
 Mailing City,State,Zip: SAN JOSE, CA 95134
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: SANMINA CORPORATION	
Legal Status:	Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: SANMINA PLANT 3
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020226
Handler Name: SANMINA PLANT 3
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900906
Handler Name: SANMINA PLANT 3
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940303
Handler Name: SANMINA - PLANT #3
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960215
Handler Name:	SANMINA - PLANT #3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	SANMINA PLANT #3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	SANMINA - PLANT #3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020226
Handler Name:	SANMINA PLANT 3
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

List of NAICS Codes and Descriptions:

NAICS Code: 334412
NAICS Description: BARE PRINTED CIRCUIT BOARD MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19990628
Actual Return to Compliance Date: 19990828
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19990728
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19990628
Actual Return to Compliance Date: 19990828
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19990728
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
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EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19990628
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19990828
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19990628
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19990828
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:

Name: SANMINA CORP. - PLANT #3
Address: 2539 SCOTT BOULEVARD

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 71003041
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36730
Longitude: -121.9592
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982429615
Alias Type: EPA Identification Number
Alias Name: 110000484306
Alias Type: EPA (FRS #)
Alias Name: 71003041
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ICIS:

Enforcement Action ID: 09-2000-0228
FRS ID: 110000484306
Action Name: SANMINA CORPORATION
Facility Name: SANMINA PLANT 3
Facility Address: 2539 SCOTT BLVD.

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

SANTA CLARA, CA 95050
Enforcement Action Type: EPCRA 325 Action For Penalty
Facility County: SANTA CLARA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 325
Facility SIC Code: 3672
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.367436
Longitude in Decimal Degrees: -121.959536
Permit Type Desc: Not reported
Program System Acronym: 13785
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Facility Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3672

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

FINDS:

Registry ID: 110000484306

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000455748
Registry ID: 110000484306
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000484306>
Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD.
City,State,Zip: SANTA CLARA, CA 95050

HIST CORTESE:

edr_fname: PIEDMONT COURT APARTMENTS
edr_fadd1: 2539 SCOTT
City,State,Zip: SANTA CLARA, CA 95050
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 2546

HAZNET:

Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950500000

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Contact:	KHALID RUHULLAH VP ENV AFFAIRS
Telephone:	4089833334
Mailing Name:	Not reported
Mailing Address:	2700 NORTH FIRST STREET
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	NVD980895338
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	T01 - Treatment, Tank
Tons:	2.31
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAD981160948
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	-
Tons:	2.9815
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAD981160948
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	R01 - Recycler
Tons:	88.507
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D99 - Disposal, Other
Tons:	346.3908
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	AZD980735500
CA Waste Code:	171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	R01 - Recycler
Tons:	225.0276
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAD008488025
CA Waste Code:	132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	R01 - Recycler
Tons:	5.3376
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAD069138899
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	0.0375
Year:	2001
Gepaid:	CAD982429615

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

TSD EPA ID:	CAD069138899
CA Waste Code:	711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.3336
Year:	2001
Gepaid:	CAD982429615
TSD EPA ID:	CAD008488025
CA Waste Code:	132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method:	T01 - Treatment, Tank
Tons:	14.2195
Year:	2000
Gepaid:	CAD982429615
TSD EPA ID:	CAD069138899
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	0.9

[Click this hyperlink](#) while viewing on your computer to access 92 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2001
Gen EPA ID:	CAD982429615
Shipment Date:	20011214
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	20754980
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT000646117
Trans Name:	Not reported
TSD EPA ID:	CAT000646117
TSD EPA Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011109
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011119
Manifest ID:	21351782
Trans EPA ID:	CAD063547996

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EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011105
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011113
Manifest ID:	20759124
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011101
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011102
Manifest ID:	21351624
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported

Map ID
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MAP FINDINGS

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EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.31
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011025
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011102
Manifest ID:	20754985
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011025
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011105
Manifest ID:	20754984
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Shipment Date: 20011018
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20011029
Manifest ID: 20754983
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D99 - Disposal, Other
Quantity Tons: 33.712
Waste Quantity: 40
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011017
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011026
Manifest ID: 20754982
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D99 - Disposal, Other
Quantity Tons: 25.284
Waste Quantity: 30
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011017
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011026
Manifest ID: 20664702
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD980735500

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EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011013
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011025
Manifest ID:	20588993
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2000
Gen EPA ID:	CAD982429615
Shipment Date:	20001229
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010102
Manifest ID:	20581010
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981160948
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981160948
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Meth Code:	R01 - Recycler
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20010109
Manifest ID:	20588945
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	AZD980735500
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001220
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001227
Manifest ID:	20581100
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981160948
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Shipment Date: 20001218
Creation Date: 3/22/2001 0:00:00
Receipt Date: 20001227
Manifest ID: 20581084
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: CAD981160948
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001215
Creation Date: 3/22/2001 0:00:00
Receipt Date: 20001222
Manifest ID: 20581043
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: CAD981160948
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.8348
Waste Quantity: 440
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001215
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001220
Manifest ID: 20580678
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986607380
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025

Map ID
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EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
Waste Code Description: 132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.8348
Waste Quantity: 440
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001213
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001219
Manifest ID: 20581026
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDF EPA ID: CAD981160948
Trans Name: Not reported
TSDF Alt EPA ID: CAD981160948
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 5.275
Waste Quantity: 1265
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001213
Creation Date: 4/9/2001 0:00:00
Receipt Date: 20010102
Manifest ID: 20588944
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD980735500
Trans Name: Not reported
TSDF Alt EPA ID: AZD980735500
TSDF Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: F006
Meth Code: R01 - Recycler
Quantity Tons: 10.1136
Waste Quantity: 12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001208
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001214
Manifest ID: 20580948
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: CAD981160948
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.8348
Waste Quantity: 440
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001206
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001211
Manifest ID: 20580966
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: CAD981160948
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 4.587
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Gen EPA ID:	CAD982429615
Shipment Date:	19991229
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000107
Manifest ID:	99758681
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991229
Creation Date:	4/28/2000 0:00:00
Receipt Date:	20000112
Manifest ID:	99885121
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000106
Manifest ID:	99758593
Trans EPA ID:	CAD010925576
Trans Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	4.8163
Waste Quantity:	1155
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991221
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991230
Manifest ID:	99758646
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991218
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991220
Manifest ID:	99885562
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVD980895338
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Quantity Tons:	3.78
Waste Quantity:	900
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991218
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000104
Manifest ID:	99885120
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	AZD980735500
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991217
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991230
Manifest ID:	99758605
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	3.4402
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Shipment Date:	19991217
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991221
Manifest ID:	99758494
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991214
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991228
Manifest ID:	99758603
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	4.3576
Waste Quantity:	1045
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991213
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991213
Manifest ID:	98499634
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

TSDF EPA ID: CAD069138899
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD982429615

Shipment Date: 19981231
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19990104
Manifest ID: 98463542
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDF EPA ID: CAD981160948
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.1467
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981231
Creation Date: 3/1/1999 0:00:00
Receipt Date: 19990107
Manifest ID: 98463302
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986607380
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 132 - Aqueous solution w/metals (< restricted levels and see waste

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

code 121 for a list of metals
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.1467
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981231
Creation Date: 3/17/1999 0:00:00
Receipt Date: 19990105
Manifest ID: 98022492
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD980735500
Trans Name: Not reported
TSDf Alt EPA ID: AZD980735500
TSDf Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121)
RCRA Code: F006
Meth Code: R01 - Recycler
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981229
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19981231
Manifest ID: 98463524
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.8348
Waste Quantity: 440
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981222
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981230
Manifest ID:	98463480
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981160948
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981221
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981229
Manifest ID:	98463217
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981218
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981218
Manifest ID:	98499800
Trans EPA ID:	CAD069138899

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981218
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981223
Manifest ID: 98463462
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.6054
Waste Quantity: 385
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981215
Creation Date: 2/2/1999 0:00:00
Receipt Date: 19981218
Manifest ID: 98463434
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
Trans 2 Name: Not reported
TSDf EPA ID: CAD981160948
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Meth Code:	R01 - Recycler
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981215
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981218
Manifest ID:	96768430
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	12.642
Waste Quantity:	15
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1997
Gen EPA ID:	CAD982429615
Shipment Date:	19971223
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971230
Manifest ID:	96734433
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981160948
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980102
Manifest ID:	96401917
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	- Not reported
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971218
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	96564785
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981160948
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	5.275
Waste Quantity:	1265
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971219
Manifest ID:	96564784

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	4.3576
Waste Quantity:	1045
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971211
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971216
Manifest ID:	96773309
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971204
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971209
Manifest ID:	96773289
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971204
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	96564789
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981160948
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	1.0008
Waste Quantity:	240
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971203
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	97329852
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	UTD991301748
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971203
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971211
Manifest ID:	97329853
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	AZD980735500
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971126
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971205
Manifest ID:	96564763
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD981160948
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	4.1283
Waste Quantity:	990
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD982429615

Shipment Date:	19961231
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Creation Date:	5/20/1997 0:00:00
Receipt Date:	19970106
Manifest ID:	96321859
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961231
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19970108
Manifest ID:	95912347
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961226
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	95912349
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	4.3576
Waste Quantity:	1045
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961220
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961231
Manifest ID:	96401933
Trans EPA ID:	CAD063547996
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961220
Manifest ID:	96321833
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961227
Manifest ID:	95912314
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961217
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961217
Manifest ID:	96049992
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD069138899
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961210
Creation Date:	5/20/1997 0:00:00

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Receipt Date: 19961213
Manifest ID: 96400274
Trans EPA ID: CAD063547996
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: UTD991301748
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961210
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961218
Manifest ID: 95912237
Trans EPA ID: NJD986619328
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 3.2109
Waste Quantity: 770
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19961210
Creation Date: 6/26/1997 0:00:00
Receipt Date: 19961213
Manifest ID: 95873476
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD980735500
Trans Name: Not reported
TSDf Alt EPA ID: AZD980735500

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

TSDf Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: F006
Meth Code: R01 - Recycler
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAD982429615

Shipment Date: 19951228
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19960102
Manifest ID: 95141347
Trans EPA ID: CAD010925576
Trans Name: Not reported
Trans 2 EPA ID: OHD009865825
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 3.6696
Waste Quantity: 880
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951228
Creation Date: 9/18/1996 0:00:00
Receipt Date: 19960109
Manifest ID: 95880797
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: UTD991301748
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951228
Creation Date: 10/9/1996 0:00:00
Receipt Date: 19960102
Manifest ID: 92880294
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZD980735500
Trans Name: Not reported
TSDf Alt EPA ID: AZD980735500
TSDf Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: F006
Meth Code: R01 - Recycler
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951227
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951227
Manifest ID: 95849698
Trans EPA ID: CAD069138899
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.425
Waste Quantity: 850
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Shipment Date:	19951220
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95141334
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951215
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95141324
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.0641
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951212
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951214
Manifest ID:	95141317
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	2.9815
Waste Quantity:	715
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951207
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951214
Manifest ID:	95141299
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951207
Manifest ID:	95141285
Trans EPA ID:	CAD010925576
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	132 - Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	3.6696
Waste Quantity:	880
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951201
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951201
Manifest ID:	95849657
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD069138899
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1994
Gen EPA ID:	CAD982429615
Shipment Date:	19941221
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	93475847
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	5.7337
Waste Quantity:	1375
Quantity Unit:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941219
Creation Date:	10/20/1995 0:00:00
Receipt Date:	19941222
Manifest ID:	93153091
Trans EPA ID:	CAD980584510
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD980735500
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941215
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941219
Manifest ID:	93475858
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	3.4402
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941212
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941213

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Manifest ID: 90800154
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: UTD991301748
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941212
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941212
Manifest ID: 93586146
Trans EPA ID: CAD069138899
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: CAD069138899
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941209
Creation Date: 10/18/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93475762
Trans EPA ID: CAD095991253
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 2.5228
Waste Quantity: 605
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941205
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941208
Manifest ID: 93475761
Trans EPA ID: CAD095991253
Trans Name: Not reported
Trans 2 EPA ID: CAD076303254
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: CAD008488025
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 4.8163
Waste Quantity: 1155
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941122
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941129
Manifest ID: 93476771
Trans EPA ID: CAD095991253
Trans Name: Not reported
Trans 2 EPA ID: CAD076303254
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: CAD008488025
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 2.9815
Waste Quantity: 715
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941117
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941122
Manifest ID:	93475648
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	3.4402
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941116
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941116
Manifest ID:	93586134
Trans EPA ID:	CAD069138899
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD069138899
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1993
Gen EPA ID:	CAD982429615
Shipment Date:	19931230
Creation Date:	9/14/1995 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Receipt Date: 19931230
Manifest ID: 93092538
Trans EPA ID: CAD069138899
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: CAD069138899
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931222
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931228
Manifest ID: 93061261
Trans EPA ID: CAD095991253
Trans Name: Not reported
Trans 2 EPA ID: CAD076303254
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: CAD008488025
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 1.3761
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931221
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931221
Manifest ID: 90795782
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931130
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931130
Manifest ID: 90795760
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 10.1136
Waste Quantity: 12
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931130
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931203
Manifest ID: 93097181
Trans EPA ID: CAD980584510
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: AZD980735500
Trans Name: Not reported
TSDF Alt EPA ID: AZD980735500
TSDF Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: F006
Meth Code: R01 - Recycler
Quantity Tons: 11.7992
Waste Quantity: 14
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931127
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931129
Manifest ID:	90795752
Trans EPA ID:	CAD980584510
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	8.428
Waste Quantity:	10
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931124
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931130
Manifest ID:	93061921
Trans EPA ID:	CAD095991253
Trans Name:	Not reported
Trans 2 EPA ID:	CAD070303254
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	4.587
Waste Quantity:	1100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931124
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931124
Manifest ID:	93092530
Trans EPA ID:	CAD069138899

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: CAD069138899
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: R01 - Recycler
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931116
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931119
Manifest ID: 93061778
Trans EPA ID: CAD095991253
Trans Name: Not reported
Trans 2 EPA ID: CAD028025245
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: CAD008488025
TSDf Alt Name: Not reported
Waste Code Description: 123 - Unspecified alkaline solution
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 2.5228
Waste Quantity: 605
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931109
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931109
Manifest ID: 93092453
Trans EPA ID: CAD069138899
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD069138899
Trans Name: Not reported
TSDf Alt EPA ID: CAD069138899
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA PLANT 3 (Continued)

1000455748

Meth Code: R01 - Recycler
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: SANMINA PLANT 3
Address: 2539 SCOTT BLVD
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
EPA ID: CAD982429615
Inactive Date: 06/30/2002
Create Date: 09/06/1990
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2700 NORTH FIRST STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 951341218
Owner Name: SANMINA CORP
Owner Address: 2700 NORTH FIRST STREET
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 951341218
Contact Name: KHALID RUHULLAH VP ENV AFFAIRS
Contact Address: 2700 NORTH FIRST STREET
Contact Address 2: Not reported
City,State,Zip: SAN JOSE, CA 951341218
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.368341
Longitude: -121.959786

NAICS:

EPA ID: CAD982429615
Create Date: 2002-03-14 16:36:27.000
NAICS Code: 334412
NAICS Description: Bare Printed Circuit Board Manufacturing
Issued EPA ID Date: 1990-09-06 00:00:00
Inactive Date: 2002-06-30 00:00:00
Facility Name: SANMINA PLANT 3
Facility Address: 2539 SCOTT BLVD
Facility Address 2: Not reported
Facility City: SANTA CLARA
Facility County: Not reported
Facility State: CA
Facility Zip: 950500000

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

83
East
1/2-1
0.769 mi.
4062 ft.

SANMINA CORPORATION
1881 MARTIN AVE
SANTA CLARA, CA 95050

CA ENVIROSTOR **S105194812**
CA CPS-SLIC **N/A**

Relative:
Lower
Actual:
52 ft.

ENVIROSTOR:

Name: SANTA CLARA CIRCUITS
 Address: 1881 MARTIN STREET
 City,State,Zip: SANTA CLARA, CA 95050
 Facility ID: 43360007
 Status: Refer: RWQCB
 Status Date: 03/21/1995
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.36611
 Longitude: -121.9591
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: * HALOGENATED SOLVENTS * AQUEOUS SOLUTION 2<PH<12.5, WITH REACTIVE ANIONS Lead Nickel
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 43360007
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 10/06/1987
 Comments: DHS. EXTREMELY HZD PERMITS-WASTESTREAM VOLUME IS 2000GAL/YR. WASTES IS GENERATD BY PALTING DEPARTMENT. SITE SCREENING DONE MORE INFO NEEDED.
 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANMINA CORPORATION (Continued)

S105194812

SLIC REG 2:

Region: 2
Facility ID: 43-1935
Facility Status: Preliminary site assessment underway
Date Closed: Not reported
Local Case #: 43-1935
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: 5/23/1989
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name: SANMINA CORPORATION
Address: 1881 MARTIN AVE
City,State,Zip: SANTA CLARA, CA 95050
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/05/2019
Global Id: T0608591762
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.366
Longitude: -121.9575
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43-1935
File Location: Not reported
Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 04/12/1989
Leak Reported Date: 04/12/1989
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Physc / Mech Damage
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 04/05/2019
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANMINA CORPORATION (Continued)

S105194812

RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
 Site History: On April 5, 2019, Celina Hernandez (Water Board staff) reviewed the data and concurred with the September 18, 1996, rescission of site cleanup requirements (Order 96-124) for 1871-1881 Martin Avenue in San Jose. Since issuance of the 1996 rescission, the property was redeveloped with a new commercial building with multiple office spaces. Ms. Hernandez received confirmation from the Santa Clara Valley Water District that the four groundwater monitoring were destroyed in 1996 and 1997. The case status was changed from open-site assessment to case closed." All records are under case file SL20220838.

[Click here to access the California GeoTracker records for this facility:](#)

84
NNW
1/2-1
0.791 mi.
4174 ft.

CENTRAL EXPRESSWAY AT OAKMEAD VILLAGE
CENTRAL EXPRESSWAY & OAKMEAD VILLAGE DR
SANTA CLARA, CA 95051

CA ENVIROSTOR 1000419196
CA CPS-SLIC N/A

Relative:
Lower
Actual:
41 ft.

ENVIROSTOR:
 Name: CENTRAL EXPRESSWAY AT OAKMEAD VILLAGE
 Address: CENTRAL EXPRESSWAY & OAKMEAD VILLAGE DR
 City,State,Zip: SANTA CLARA, CA 95051
 Facility ID: 43360103
 Status: Refer: RWQCB
 Status Date: 06/08/1994
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.37694
 Longitude: -121.9813
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD982400012
 Alias Type: EPA Identification Number
 Alias Name: 43360103
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL EXPRESSWAY AT OAKMEAD VILLAGE (Continued)

1000419196

Completed Document Type: * Discovery
Completed Date: 11/06/1989
Comments: Facility Identified: EPA completed Preliminary Assessment and recommend no further action. State recommendation is Site Screening to determine current status. Site encompasses a 1.5-acre area of shallow groundwater contamination extending under the Central Expressway at the intersection of Oakmead Village Drive.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SLIC REG 2:

Region: 2
Facility ID: 43S0224
Facility Status: Remedial action (cleanup) Underway
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name: CENTRAL EXPRESSWAY AT OAKMEAD VILLAGE DR
Address: CENTRAL EXPRESSWAY
City,State,Zip: SANTA CLARA, CA 95051
Region: STATE
Facility Status: Open - Verification Monitoring
Status Date: 03/28/2022
Global Id: SL0608535818
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.3775578532633
Longitude: -121.982381343842
Case Type: Cleanup Program Site
Case Worker: EJM
Local Agency: Not reported
RB Case Number: 43S0224
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Trichloroethylene (TCE)
EPA Region: 9
Coordinate Source: Google Map Move

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CENTRAL EXPRESSWAY AT OAKMEAD VILLAGE (Continued)

1000419196

Cuf Case: NO
 Quantity Released Gallons: Not reported
 Begin Date: 06/01/1986
 Leak Reported Date: 06/30/1986
 How Discovered: Site Assessment/Site Investigation
 How Discovered Description: Site investigation at downgradient site.
 Discharge Source: Other
 Discharge Cause: Not reported
 Stop Method: Other Means
 Stop Description: Discharge cause is unknown. No on-going source.
 No Further Action Date: Not reported
 CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
 Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
 Disadvantaged Community: Disadvantaged Community
 CA EnviroScreen 3 Score: 76-80%
 CA EnviroScreen 4 Score: 55-60%
 Military DOD Site: No
 Facility Project Subtype: Not reported
 RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
 Site History: A groundwater pollutant plume containing TCE and DCE originates at the southern edge of Central Expressway near Oakmead Village Drive, Santa Clara. The plume extends across Central Expressway as far as Scott Boulevard. The plume is currently under monitored natural attenuation status. Soil vapor investigation is necessary to verify if site is eligible for low threat closure.

[Click here to access the California GeoTracker records for this facility:](#)

**T85
 NW
 1/2-1
 0.797 mi.
 4209 ft.**

**HUNTER PCB
 3305 KIFER ROAD
 SANTA CLARA, CA 95051
 Site 1 of 2 in cluster T**

**CA ENVIROSTOR
 CA CUPA Listings
 CA EMI
 CA NPDES
 CA WDS
 CA CIWQS
 CA CERS**

**S106101991
 N/A**

**Relative:
 Lower**

**Actual:
 48 ft.**

ENVIROSTOR:
 Name: HUNTER TECHNOLOGY
 Address: 3305 KIFER ROAD
 City,State,Zip: SANTA CLARA, CA 95051
 Facility ID: 71002738
 Status: Refer: Local Agency
 Status Date: 01/04/2016
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 0.94
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Nicole Yuen
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Funding: Not reported
Latitude: 37.37439
Longitude: -121.9873
APN: 21633001
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS, MANUFACTURING - ELECTRONIC, UNKNOWN
Potential COC: Chlordane Tetrachloroethylene (PCE Toxaphene)
Confirmed COC: Chlordane Tetrachloroethylene (PCE Toxaphene)
Potential Description: SOIL, SV
Alias Name: 21633001
Alias Type: APN
Alias Name: CAD981367709
Alias Type: EPA Identification Number
Alias Name: T1000006370
Alias Type: GeoTracker Global ID
Alias Name: 71002738
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 01/04/2016
Comments: DTSC performed a site screening to determine whether any release of hazardous substances or wastes have occurred at the site that require corrective actions. The building on the site was constructed in 1963 and used by Hunter Technology, Corp. which was an electronics engineering and manufacturing business. The DTSC Hazardous Waste Tracking System database (HWTS) lists manifests for hazardous waste that was transported from the site for disposal from 1993 to 2014. HWTS lists the facility on the site as being inactive as of June 2014. The building was vacant as of January 2015. The soil samples taken from the site in 2014 had high levels of toxaphene and chlordane. Soil vapor samples had concentrations of PCE exceeding the Regional Water Quality Control Board Environmental Screening Level for residential land use. Investigation and cleanup of the site is currently being overseen by the Santa Clara County Department of Environmental Health, Site Mitigation Program.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CUPA SANTA CLARA:

Name: HUNTER TECHNOLOGY
Address: 3305 KIFER RD
City,State,Zip: SANTA CLARA, CA 95051
Region: SANTA CLARA
PE#: 2208
Program Description: GENERATES 50 TO <250 TONS/YR
Program Identifier: DEH PERMIT-HAZ WASTE GENERATOR PROGRAM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Latitude: 37.374171
Longitude: -121.987312
Record ID: PR0312783
Facility ID: FA0212292

EMI:

Name: HUNTER PCB
Address: 3305 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Year: 2012
County Code: 43
Air Basin: SF
Facility ID: 21890
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.248
Reactive Organic Gases Tons/Yr: 0.2471232
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: HUNTER PCB
Address: 3305 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 21890
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.248
Reactive Organic Gases Tons/Yr: 0.2471232
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: HUNTER PCB
Address: 3305 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Year: 2014
County Code: 43
Air Basin: SF
Facility ID: 21890
Air District Name: BA
SIC Code: 3672
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.248801398
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

NPDES:

Name: 3305 KIFER ROAD
Address: 3305 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Facility Status: Active
NPDES Number: CAS000002
Region: 2
Agency Number: 0
Regulatory Measure ID: 492185
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 2 43C382427
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/07/2018
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 6800 Koll Center Parkway
Discharge Name: Toll Brothers Land Development
Discharge City: Pleasanton
Discharge State: California
Discharge Zip: 94566
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 2
Regulatory Measure ID: 492185
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 2 43C382427
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/07/2018
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Toll Brothers Land Development
Discharge Address: 6800 Koll Center Parkway

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Discharge City:	Pleasanton
Discharge State:	California
Discharge Zip:	94566
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
Name:	3305 KIFER ROAD
Address:	3305 KIFER ROAD
City,State,Zip:	SANTA CLARA, CA 95051
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	2 43C382427
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/07/2018
Operator Name:	Toll Brothers Land Development
Operator Address:	6800 Koll Center Parkway
Operator City:	Pleasanton
Operator State:	California
Operator Zip:	94566
NPDES as of 03/2018:	
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	492185
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43C382427
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/07/2018
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Toll Brothers Land Development
Discharge Address:	6800 Koll Center Parkway
Discharge City:	Pleasanton
Discharge State:	California
Discharge Zip:	94566
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name: HUNTER TECH
Address: 3305 Kifer Rd

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

City: SANTA CLARA
Facility ID: San Francisco Bay 431009282
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4082455400
Facility Contact: MIKE OLEARY
Agency Name: HUNTER TECH
Agency Address: 3305 Kifer Rd
Agency City,St,Zip: Santa Clara 950510792
Agency Contact: Not reported
Agency Telephone: 4082455400
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: 3305 KIFER ROAD
Address: 3305 KIFER ROAD
City,State,Zip: SANTA CLARA, CA 95051
Agency: Toll Brothers Land Development
Agency Address: 6800 Koll Center Parkway Suite 320, Pleasanton, CA 94566
Place/Project Type: Construction - Residential
SIC/NAICS: Not reported
Region: 2
Program: CONSTW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 43C382427
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	02/07/2018
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.3751
Longitude:	-121.9874
Name:	BBG SILICON VALLEY
Address:	3305 KIFER ROAD
City,State,Zip:	SANTA CLARA, CA 95051
Agency:	BBG Silicon Valley
Agency Address:	8565B Somerset Drive, Largo, FL 33773
Place/Project Type:	Industrial - Printed Circuit Boards
SIC/NAICS:	3672
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 43I024027
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/23/2013
Termination Date:	03/18/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.37438
Longitude:	-121.98738
Name:	HUNTER TECHNOLOGY
Address:	3305 KIFER RD
City,State,Zip:	SANTA CLARA, CA 95051
Agency:	Hunter Technology
Agency Address:	2921 Corvin Dr, Santa Clara, CA 95051
Place/Project Type:	Industrial - Printed Circuit Boards
SIC/NAICS:	3672
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUNTER PCB (Continued)

S106101991

WDID: 2 43I024303
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 06/12/2013
Termination Date: 08/25/2015
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37432
Longitude: -121.98726

Name: HUNTER TECH
Address: 3305 KIFER RD
City,State,Zip: SANTA CLARA, CA 95051
Agency: Hunter Technology Corporation
Agency Address: 3305 Kifer Road, Santa Clara, CA 95051
Place/Project Type: Industrial - Printed Circuit Boards
SIC/NAICS: 3672
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43I009282
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 11/13/1992
Termination Date: 11/30/2012
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37403
Longitude: -121.98705

CERS:
Name: HUNTER TECHNOLOGY
Address: 3305 KIFER RD
City,State,Zip: SANTA CLARA, CA 95051
Site ID: 37341
CERS ID: 95051HNTRT3305K
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Technical Contact
Entity Name: Jeffrey Zweers
Entity Title: Not reported
Affiliation Address: 2921 CORVIN DR
Affiliation City: SANTA CLARA
Affiliation State: CA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUNTER PCB (Continued)

S106101991

Affiliation Country: Not reported
 Affiliation Zip: 95051
 Affiliation Phone: 4083289742,

Affiliation Type Desc: Company Official
 Entity Name: JOSEPH O'NEIL
 Entity Title: PRESIDENT - OWNER
 Affiliation Address: 2921 CORVIN DR
 Affiliation City: SANTA CLARA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95051
 Affiliation Phone: ,

Affiliation Type Desc: Public Contact
 Entity Name: JOSEPH O'NEIL
 Entity Title: Not reported
 Affiliation Address: 2921 CORVIN DR
 Affiliation City: SANTA CLARA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95051
 Affiliation Phone: 4083289709,

Name: 3305 KIFER ROAD
 Address: 3305 KIFER ROAD
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 524862
 CERS ID: 859717
 CERS Description: Construction Storm Water

Affiliation:
 Affiliation Type Desc: Owner/Operator
 Entity Name: Toll Brothers Land Development
 Entity Title: Operator
 Affiliation Address: 6800 Koll Center Parkway Suite 320
 Affiliation City: Pleasanton
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 94566
 Affiliation Phone: ,

86
North
1/2-1
0.797 mi.
4210 ft.

3280 SCOTT AT THE SQUARE
3200 CORONADO DRIVE
SANTA CLARA, CA 95054

CA ENVIROSTOR **S113100736**
CA VCP **N/A**
CA HAZNET
CA HWTS

Relative:
Lower
Actual:
38 ft.

ENVIROSTOR:
 Name: 3280 SCOTT AT THE SQUARE
 Address: 3200 CORONADO DRIVE
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 60002319
 Status: Active
 Status Date: 03/09/2016
 Site Code: 202082

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Agreement
Acres: 6.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Assembly: , 25
Senate: , 10
Special Program: Voluntary Agreement - CLRRRA
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.37974
Longitude: -121.9753
APN: 216-46-003, 216-46-004, 21646003, 21646004
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic Lead
Confirmed COC: Arsenic Lead
Potential Description: SOIL
Alias Name: 216-46-003
Alias Type: APN
Alias Name: 216-46-004
Alias Type: APN
Alias Name: 21646003
Alias Type: APN
Alias Name: 21646004
Alias Type: APN
Alias Name: 202082
Alias Type: Project Code (Site Code)
Alias Name: 60002319
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notice to the project proponent that the DTSC project manager for the site has changed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/07/2017
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/28/2016
Comments: DTSC and 3200 Coronado Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU2
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/28/2016
Comments: DTSC and 3130 Coronado Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2016
Comments: DTSC sent a letter notifying the project proponents that it had discussed the Request for Agency Oversight Application with the Regional Water Quality Control Board and DTSC was determined to be the appropriate lead agency.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/30/2016
Comments: Phase I Environmental Site Assessment and Results of Phase II Subsurface Investigation reports submitted by 3130 Coronado Drive LLC to meet the All Appropriate Inquiries requirement under the California Land Reuse and Revitalization Act.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/16/2016
Comments: Request for Agency Oversight Application submitted by 3130 Coronado Drive LLC for the portion of the Site with the 3130 Coronado Drive address.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/25/2016
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/11/2016
Comments: Request for Agency Oversight Application submitted by 3200 Coronado Drive LLC for the portion of the Site with the 3200 Coronado Drive address.

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/30/2016
Comments: Phase I Environmental Site Assessment and Results of Phase II Subsurface Investigation report submitted by 3200 Coronado Drive LLC to meet the All Appropriate Inquiries requirement under the California Land Reuse and Revitalization Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Completed Date: 04/14/2017
Comments: The selected response action will be accomplished using one of two approaches, or a combination. Approach 1 would involve excavating and consolidating contaminated soil on-site, beneath the foundation of the proposed parking garage. Approach 2 would involve capping contaminated soil in place beneath buildings, parking structures, parking lots, or 2 feet of clean soil in landscaped areas. Under either approach, contaminated soil that cannot be readily accommodated on-site due to available capacity or construction schedule may be off-hauled and disposed of at an appropriate permitted disposal facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/02/2022
Comments: Assignment and Assumption Agreement to transfer the CLRRRA.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: 3280 SCOTT AT THE SQUARE
Address: 3200 CORONADO DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60002319
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Site Code: 202082
Assembly: , 25
Senate: , 10
Special Programs Code: Voluntary Agreement - CLRRRA
Status: Active
Status Date: 03/09/2016
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.37974 / -121.9753
APN: 216-46-003, 216-46-004, 21646003, 21646004
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30001, 30013
Confirmed COC: 30001,30013
Potential Description: SOIL
Alias Name: 216-46-003
Alias Type: APN
Alias Name: 216-46-004
Alias Type: APN
Alias Name: 21646003
Alias Type: APN
Alias Name: 21646004
Alias Type: APN
Alias Name: 202082
Alias Type: Project Code (Site Code)
Alias Name: 60002319
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notice to the project proponent that the DTSC project manager for the site has changed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 04/07/2017
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/28/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Comments: DTSC and 3200 Coronado Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/28/2016
Comments: DTSC and 3130 Coronado Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2016
Comments: DTSC sent a letter notifying the project proponents that it had discussed the Request for Agency Oversight Application with the Regional Water Quality Control Board and DTSC was determined to be the appropriate lead agency.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/30/2016
Comments: Phase I Environmental Site Assessment and Results of Phase II Subsurface Investigation reports submitted by 3130 Coronado Drive LLC to meet the All Appropriate Inquiries requirement under the California Land Reuse and Revitalization Act.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/16/2016
Comments: Request for Agency Oversight Application submitted by 3130 Coronado Drive LLC for the portion of the Site with the 3130 Coronado Drive address.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/25/2016
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/11/2016
Comments: Request for Agency Oversight Application submitted by 3200 Coronado Drive LLC for the portion of the Site with the 3200 Coronado Drive address.

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/30/2016
Comments: Phase I Environmental Site Assessment and Results of Phase II Subsurface Investigation report submitted by 3200 Coronado Drive LLC to meet the All Appropriate Inquiries requirement under the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

California Land Reuse and Revitalization Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 04/14/2017
Comments: The selected response action will be accomplished using one of two approaches, or a combination. Approach 1 would involve excavating and consolidating contaminated soil on-site, beneath the foundation of the proposed parking garage. Approach 2 would involve capping contaminated soil in place beneath buildings, parking structures, parking lots, or 2 feet of clean soil in landscaped areas. Under either approach, contaminated soil that cannot be readily accommodated on-Site due to available capacity or construction schedule may be off-hauled and disposed of at an appropriate permitted disposal facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/11/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/02/2022
Comments: Assignment and Assumption Agreement to transfer the CLRRA.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2025
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2025
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Schedule Revised Date: Not reported

HAZNET:

Name: APPLIED MATERIALS, INC.
Address: 3200 CORONADO DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950540000
Contact: BEN GIKIS/HAZ WAS MGR
Telephone: 4085637326
Mailing Name: Not reported
Mailing Address: 3320 SCOTT BLVD MS 1174

Year: 2000
Gepaid: CAL000191875
TSD EPA ID: CAD028409019
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.8428

Year: 2000
Gepaid: CAL000191875
TSD EPA ID: CAD009452657
CA Waste Code: 291 - Latex waste
Disposal Method: -
Tons: 0.04

Year: 2000
Gepaid: CAL000191875
TSD EPA ID: CAD009452657
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: -
Tons: 0.0455

Additional Info:

Year: 2000
Gen EPA ID: CAL000191875

Shipment Date: 20001006
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001011
Manifest ID: 20460654
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: CAD982524480
Trans 2 Name: Not reported
TSD EPA ID: CAD028409019
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.8428
Waste Quantity: 1
Quantity Unit: Y

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: T03 - Treatment, Incineration
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: 1/9/2001 0:00:00
Receipt Date: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: 1/9/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 0.0005
Waste Quantity: 1
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: 1/9/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20001006
Creation Date: 1/9/2001 0:00:00
Receipt Date: Not reported
Manifest ID: 95931481
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: - Not reported
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: APPLIED MATERIALS, INC.
Address: 3200 CORONADO DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95054
EPA ID: CAL000191875
Inactive Date: 06/30/2009
Create Date: 09/26/2000
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3320 SCOTT BLVD MS 1174
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950540000
Owner Name: APPLIED MATERIALS, INC.
Owner Address: 3320 SCOTT BLVD MS 1174
Owner Address 2: Not reported
Owner City,State,Zip: SANTA CLARA, CA 950540000
Contact Name: BEN GIKIS/HAZ WAS MGR
Contact Address: 3320 SCOTT BLVD MS 1174
Contact Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950540000

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

3280 SCOTT AT THE SQUARE (Continued)

S113100736

Facility Status: Inactive
 Facility Type: PERMANENT
 Category: STATE
 Latitude: 37.378385
 Longitude: -121.974497

NAICS:
 EPA ID: CAL000191875
 Create Date: 2002-12-03 15:25:10.000
 NAICS Code: 333295
 NAICS Description: Semiconductor Machinery Manufacturing
 Issued EPA ID Date: 2000-09-26 00:00:00
 Inactive Date: 2009-06-30 00:00:00
 Facility Name: APPLIED MATERIALS, INC.
 Facility Address: 3200 CORONADO DR
 Facility Address 2: Not reported
 Facility City: SANTA CLARA
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 950540000

U87
NNW
1/2-1
0.807 mi.
4261 ft.

Relative:
Lower

Actual:
39 ft.

APPLIED-3050 BOWERS AVENUE
3050 BOWERS
SANTA CLARA, CA 95054

Site 1 of 2 in cluster U

CA ENVIROSTOR 1001480765
CA CPS-SLIC N/A
CA HIST Cal-Sites
CA Cortese
CA ENF
CA HIST CORTESE
CA HAZNET
CA CIWQS
CA CERS
CA HWTS

ENVIROSTOR:
 Name: APPLIED MATERIALS
 Address: 3050 BOWERS AVE
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 43360090
 Status: Refer: EPA
 Status Date: 07/21/2006
 Site Code: 200008
 Site Type: Federal Superfund
 Site Type Detailed: State Response or NPL
 Acres: 5.2
 NPL: YES
 Regulatory Agencies: RWQCB 2 - San Francisco Bay, US EPA
 Lead Agency: US EPA
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.37747
 Longitude: -121.9785

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

APN: 216-49-025
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 216-49-025
Alias Type: APN
Alias Name: CAD042728840
Alias Type: EPA Identification Number
Alias Name: 110000770862
Alias Type: EPA (FRS #)
Alias Name: P23073
Alias Type: PCode
Alias Name: 200008
Alias Type: Project Code (Site Code)
Alias Name: 43360090
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: APPLIED MATERIALS, INC., BOWERS CAMPUS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71002384
Status: Refer: EPA
Status Date: 02/05/2016
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 5.2
NPL: YES
Regulatory Agencies: RWQCB 2 - San Francisco Bay, US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37751

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Longitude: -121.9787
APN: 21649025
Past Use: MANUFACTURING - ELECTRONIC, UNDERGROUND STORAGE TANKS
Potential COC: 1,1,1-Trichloroethane (TCA 1,1-Dichloroethane)
Confirmed COC: 1,1,1-Trichloroethane (TCA 1,1-Dichloroethane)
Potential Description: OTH
Alias Name: Applied Materials #1
Alias Type: Alternate Name
Alias Name: 21649025
Alias Type: APN
Alias Name: CAD042728840
Alias Type: EPA Identification Number
Alias Name: 110000770862
Alias Type: EPA (FRS #)
Alias Name: SL720081207
Alias Type: GeoTracker Global ID
Alias Name: 71002384
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/05/2016
Comments: DTSC performed a site screening to determine whether any releases of hazardous substances or wastes have occurred at the site that require corrective actions. Applied Materials, Inc. began operations in the building on the Site (Building 1) in 1970 as a semi-conductor wafer manufacturing facility. Applied Materials discovered volatile organic compounds downgradient from three underground storage tanks in November 1983 and implemented a full-scale groundwater monitoring, extraction, and treatment program in 1985. The United States Environmental Protection Agency (EPA) included the Site on the National Priorities List in 1987. EPA signed Records of Decision in 1990 and 1993. Groundwater extraction and treatment and institutional controls were selected as the remedy for groundwater. Groundwater extraction and treatment was implemented from 1985 through 2002. The Regional Water Quality Control Board was the lead regulatory agency overseeing investigation and cleanup until transferring the Site back to EPA in 2006. Limited groundwater extraction and treatment was implemented from April 2014 through March 2015.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: APPLIED MATERIALS #1
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA
Region: STATE

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Facility Status: Open - Verification Monitoring
Status Date: 05/27/2009
Global Id: SL720081207
Lead Agency: US ENVIRONMENTAL PROTECTION AGENCY
Lead Agency Case Number: Not reported
Latitude: 37.3768416913808
Longitude: -121.978325843811
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE)
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 11/01/1983
Leak Reported Date: 01/02/1965
How Discovered: Subsurface Monitoring
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Corrosion
Stop Method: Close and Remove Tank
Stop Description: Three solvent USTs were removed in 1985.
No Further Action Date: Not reported
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: In 1985, three solvent USTs and 60 cubic yards of soil were excavated. The excavation was backfilled and converted into a groundwater extraction pit. Groundwater from the A1 and A2 aquifers was extracted and treated between 1985 and 2002.

[Click here to access the California GeoTracker records for this facility:](#)

Calsite:

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVE
City: SANTA CLARA
Region: BERKELEY
Facility ID: 43360090
Facility Type: NPRP
Type: NPL SITE, RP-FUNDED
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01101990
Status: DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 36
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 22
State Senate District Code: 13
Facility ID: Not reported
Activity: Not reported
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: Not reported
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: Not reported
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: Not reported
Definition of Status: Not reported
Liquids Removed (Gals): Not reported
Liquids Treated (Gals): Not reported
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: Not reported
For Industrial Reuse: Not reported
For Residential Reuse: Not reported
Unknown Type: Not reported
Alternate Address: 3050 BOWERS AVENUE
Alternate City,St,Zip: SANTA CLARA, CA 95051
Alternate Address: 3050 BOWERS AVE
Alternate City,St,Zip: SANTA CLARA, CA 95054
Alternate Address: 3050 BOWERS AVE
Alternate City,St,Zip: SANTA CLARA, CA 95054
Background Info: Not reported
Comments Date: 01011985
Comments: This is the date the site was first listed AWP pursuant to
Comments Date: 01011985
Comments: Section 25356.
Comments Date: 07251991
Comments: Groundwater and soil is contaminated with VOCs (such as

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Comments Date: 07251991
Comments: TCE). Contaminants in groundwater could pose a threat to
Comments Date: 07251991
Comments: human health if groundwater is used as a source of drinking
Comments Date: 07251991
Comments: water in the near future. Presently, there does not appear
Comments Date: 07251991
Comments: to be any threats associated with exposure to these
Comments Date: 07251991
Comments: contaminants because area drinking water wells have not
Comments Date: 07251991
Comments: been affected by the contaminated plume.
Comments Date: 07251991
Comments: Site cleanup is being overseen by the RWQCB.
ID Name: CALSTARS CODE
ID Value: 200008
ID Name: BEP DATABASE PCODE
ID Value: P23073
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD042728840
Alternate Name: APPLIED MATERIALS
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 206088
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 37.37747

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Place Longitude:	-121.977853
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219387
Region:	2
Order / Resolution Number:	93-056

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 06/16/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438152N02
Description: SCR-AMD
Program: ENFCAO
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 206088
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 37.37747
Place Longitude: -121.977853
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219961
Region:	2
Order / Resolution Number:	90-134
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/19/1990
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438152N02
Description:	SCR-GW CLEANUP STANDARDS ARE CA, DHS & MCL'S.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	APPLIED-3050 BOWERS AVENUE
Address:	3050 BOWERS
City,State,Zip:	SANTA CLARA, CA 95054

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MAP FINDINGS

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Database(s)

EDR ID Number
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APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Region:	2
Facility Id:	206088
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	37.37747
Place Longitude:	-121.977853
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 219958
Region: 2
Order / Resolution Number: 89-167
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 09/20/1989
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438152N02
Description: SCR-GW CLEANUP STANDARDS ARE THE CA DHS MCL'S.
Program: ENFCAO
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-APPLIED-3050 BOWERS A
edr_fadd1: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438152N02

HAZNET:

Name: ADVANCED CHEMICAL TRANSPORT INC.
Address: 3050 BOWERS AVE.
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95054
Contact: TERENCE LUM
Telephone: 4085485050
Mailing Name: Not reported
Mailing Address: 1210 ELKO DR.

Year: 2013
Gepaid: CAC002774560
TSD EPA ID: CAD009007626
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 8

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Additional Info:

Year: 2013
Gen EPA ID: CAC002774560

Shipment Date: 20131015
Creation Date: 11/25/2013 22:15:07
Receipt Date: 20131016
Manifest ID: 010495439JJK
Trans EPA ID: CAR000181891
Trans Name: BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: AZUSA LAND RECLAMATION
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 8
Waste Quantity: 20
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CIWQS:

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Agency: Global Environ, Safety & Health
Agency Address: 3050 Bowers Avenue 2763, Santa Clara, CA 95054
Place/Project Type: Other
SIC/NAICS: 3674
Region: 2
Program: UNREGS
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: 86-071
WDID: 2 438152N02
NPDES Number: Not reported
Adoption Date: 09/17/1986
Effective Date: 09/17/1986
Termination Date: Not reported
Expiration/Review Date: 09/17/1989
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: A
TTWQ: 1
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37747
Longitude: -121.977853

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

CERS:

Name: APPLIED MATERIALS #1
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA
Site ID: 245173
CERS ID: SL720081207
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Roger Papler - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREET, SUITE 1500
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: APPLIED-3050 BOWERS AVENUE
Address: 3050 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 348656
CERS ID: 206088
CERS Description: Unregulated

Enforcement Action:

Site ID: 348656
Site Name: Applied-3050 Bowers Avenue
Site Address: 3050 BOWERS
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 06-16-1993
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Site ID: 348656
Site Name: Applied-3050 Bowers Avenue
Site Address: 3050 BOWERS
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 09-19-1990
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Site ID: 348656
Site Name: Applied-3050 Bowers Avenue
Site Address: 3050 BOWERS
Site City: SANTA CLARA

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED-3050 BOWERS AVENUE (Continued)

1001480765

Site Zip: 95054
Enf Action Date: 09-20-1989
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

HWTS:

Name: ADVANCED CHEMICAL TRANSPORT INC.
Address: 3050 BOWERS AVE.
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95054
EPA ID: CAC002774560
Inactive Date: 09/11/2014
Create Date: 06/12/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1210 ELKO DR.
Mailing Address 2: Not reported
Mailing City,State,Zip: SUNNYVALE, CA 94089
Owner Name: WALT SINGER
Owner Address: 1210 ELKO DR.
Owner Address 2: Not reported
Owner City,State,Zip: SUNNYVALE, CA 94089
Contact Name: TERENCE LUM
Contact Address: 1210 ELKO DR.
Contact Address 2: Not reported
City,State,Zip: SUNNYVALE, CA 94089
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.377003
Longitude: -121.977899

NAICS:

EPA ID: CAC002774560
Create Date: 2014-06-12 08:18:08.553
NAICS Code: 562112
NAICS Description: Hazardous Waste Collection
Issued EPA ID Date: 2014-06-12 08:18:08.58300
Inactive Date: 2014-09-11 08:18:08.55000
Facility Name: ADVANCED CHEMICAL TRANSPORT INC.
Facility Address: 3050 BOWERS AVE.
Facility Address 2: Not reported
Facility City: SANTA CLARA
Facility County: Not reported
Facility State: CA
Facility Zip: 95054

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

U88 **APPLIED MATERIALS**
NNW **3050 BOWERS AVENUE**
1/2-1 **SANTA CLARA, CA 95051**
0.807 mi.
4261 ft. **Site 2 of 2 in cluster U**

CA BOND EXP. PLAN **S100833404**
CA EMI **N/A**

Relative:
Lower
Actual:
39 ft.

CA BOND EXP. PLAN:
 Responsible Party: NPL SITE CLEANUP WORKPLAN
 Project Revenue Source Company: Not reported
 Project Revenue Source Addr: Not reported
 Project Revenue Source City,St,Zip: Not reported
 Project Revenue Source Desc: Applied Materials, the responsible party, has been conducting remedial activities under the direction of the RWQCB. DHS has budgeted \$50,000 for oversight and monitoring of the RP's cleanup activities. DHS will seek cost recovery for 100 percent of direct costs plus staff costs and overhead related to the project. The responsible party will pay all costs associated with site investigation and remediation.

Site Description: Applied Materials operates a semiconductor equipment manufacturing facility at this site. The site encompasses 9 acres and is surrounded by industrial and commercial development.

Hazardous Waste Desc: Soil and ground water contamination were reported in 1984. The source of contamination were two acid neutralization tanks and one waste solvent tank. The following contaminants have been detected in soil and ground water: trichloroethane (TCA), trichloroethylene (TCE), dichloroethylene (DCE), dichloroethane (DCA).

Threat To Public Health & Env: About 300,000 people living within 3 miles of the site depend on ground water as a source of drinking water. Contaminated ground water at the site represents a potential threat to the water supply system. City of Sunnyvale's municipal well, No. 21, is located 0.7 miles upgradient of the site.

Site Activity Status: In 1985, the underground tanks were removed and approximately 60 cubic yards of contaminated soil surrounding the tanks were removed. A ground water extraction system has been installed. The extracted water is treated and discharged to a storm sewer leading to a tributary to San Thomas Aquino Creek.

EMI:
 Name: APPLIED MATERIALS
 Address: 3050 BOWERS AVENUE
 City,State,Zip: SANTA CLARA, CA 95051
 Year: 1987
 County Code: 43
 Air Basin: SF
 Facility ID: 1427
 Air District Name: BA
 SIC Code: 3559
 Air District Name: BAY AREA AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 3
 Reactive Organic Gases Tons/Yr: 1
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Name: APPLIED MATERIALS
 Address: 3050 BOWERS AVENUE
 City,State,Zip: SANTA CLARA, CA 95051
 Year: 1990

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Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1993
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 1
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1998
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

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EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9
Reactive Organic Gases Tons/Yr: 7
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 4931
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0

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Database(s)

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EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2002
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2003
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

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EDR ID Number
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APPLIED MATERIALS (Continued)

S100833404

Total Organic Hydrocarbon Gases Tons/Yr: 0.834
Reactive Organic Gases Tons/Yr: 0.5353621
Carbon Monoxide Emissions Tons/Yr: 0.419
NOX - Oxides of Nitrogen Tons/Yr: 1.83
SOX - Oxides of Sulphur Tons/Yr: 0.012
Particulate Matter Tons/Yr: 0.059
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.058424

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.974
Reactive Organic Gases Tons/Yr: 2.3144932
Carbon Monoxide Emissions Tons/Yr: .449
NOX - Oxides of Nitrogen Tons/Yr: 1.973
SOX - Oxides of Sulphur Tons/Yr: .013
Particulate Matter Tons/Yr: .069
Part. Matter 10 Micrometers and Smlr Tons/Yr:.068184

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.068
Reactive Organic Gases Tons/Yr: 3.4294921
Carbon Monoxide Emissions Tons/Yr: .425
NOX - Oxides of Nitrogen Tons/Yr: 1.862
SOX - Oxides of Sulphur Tons/Yr: .011
Particulate Matter Tons/Yr: .064
Part. Matter 10 Micrometers and Smlr Tons/Yr:.061891

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95051
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .494
Reactive Organic Gases Tons/Yr: .296073
Carbon Monoxide Emissions Tons/Yr: .445
NOX - Oxides of Nitrogen Tons/Yr: 1.965
SOX - Oxides of Sulphur Tons/Yr: .006
Particulate Matter Tons/Yr: .082
Part. Matter 10 Micrometers and Smlr Tons/Yr:.074749

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2008
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .469
Reactive Organic Gases Tons/Yr: .2173482
Carbon Monoxide Emissions Tons/Yr: .438
NOX - Oxides of Nitrogen Tons/Yr: 1.925
SOX - Oxides of Sulphur Tons/Yr: .006
Particulate Matter Tons/Yr: .076
Part. Matter 10 Micrometers and Smlr Tons/Yr:.070306

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2009
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.5100000000000001
Reactive Organic Gases Tons/Yr: 0.2507030000000001
Carbon Monoxide Emissions Tons/Yr: 0.4580000000000002
NOX - Oxides of Nitrogen Tons/Yr: 2.024
SOX - Oxides of Sulphur Tons/Yr: 6.000000000000001E-3
Particulate Matter Tons/Yr: 7.3885245901639293E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.248100000000004E-2

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2010
County Code: 43
Air Basin: SF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.623
Reactive Organic Gases Tons/Yr: 0.37667970000000001
Carbon Monoxide Emissions Tons/Yr: 0.53500000000000003
NOX - Oxides of Nitrogen Tons/Yr: 2.3170000000000002
SOX - Oxides of Sulphur Tons/Yr: 6.000000000000001E-3
Particulate Matter Tons/Yr: 6.8811475409835995E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:6.800000000000005E-2

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2011
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.473
Reactive Organic Gases Tons/Yr: 0.2523817
Carbon Monoxide Emissions Tons/Yr: 0.488
NOX - Oxides of Nitrogen Tons/Yr: 2.103
SOX - Oxides of Sulphur Tons/Yr: 0.006
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2012
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.472
Reactive Organic Gases Tons/Yr: 0.2527887
Carbon Monoxide Emissions Tons/Yr: 0.47
NOX - Oxides of Nitrogen Tons/Yr: 1.977
SOX - Oxides of Sulphur Tons/Yr: 0.006
Particulate Matter Tons/Yr: 0.053442622951
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.053

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Year: 2013
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.002
Reactive Organic Gases Tons/Yr: 0.5737511
Carbon Monoxide Emissions Tons/Yr: 0.564
NOX - Oxides of Nitrogen Tons/Yr: 2.408
SOX - Oxides of Sulphur Tons/Yr: 0.006
Particulate Matter Tons/Yr: 0.086
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.084

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2014
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.813697024
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0.481904954
NOX - Oxides of Nitrogen Tons/Yr: 1.98419628
SOX - Oxides of Sulphur Tons/Yr: 0.00676685
Particulate Matter Tons/Yr: 0.072083691
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.070097724

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2015
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.074238985
Reactive Organic Gases Tons/Yr: 1.0499393
Carbon Monoxide Emissions Tons/Yr: 0.39379279
NOX - Oxides of Nitrogen Tons/Yr: 1.689372237
SOX - Oxides of Sulphur Tons/Yr: 0.006627266
Particulate Matter Tons/Yr: 0.038820482
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.03824058

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2016
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.284259652
Reactive Organic Gases Tons/Yr: 0.16235348541
Carbon Monoxide Emissions Tons/Yr: 0.718965881
NOX - Oxides of Nitrogen Tons/Yr: 3.148521868
SOX - Oxides of Sulphur Tons/Yr: 0.008558097
Particulate Matter Tons/Yr: 0.06256549
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.061309456

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2017
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.323288317
Reactive Organic Gases Tons/Yr: 0.19665769548
Carbon Monoxide Emissions Tons/Yr: 0.77111829
NOX - Oxides of Nitrogen Tons/Yr: 3.403122827
SOX - Oxides of Sulphur Tons/Yr: 0.008675735
Particulate Matter Tons/Yr: 0.06508
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.064014011

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2018
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.222720125
Reactive Organic Gases Tons/Yr: 0.10768422224
Carbon Monoxide Emissions Tons/Yr: 0.466214044
NOX - Oxides of Nitrogen Tons/Yr: 2.004288523
SOX - Oxides of Sulphur Tons/Yr: 0.008031512

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED MATERIALS (Continued)

S100833404

Particulate Matter Tons/Yr: 0.044831216
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.044645752

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2019
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.186333288
Reactive Organic Gases Tons/Yr: 0.10973574488
Carbon Monoxide Emissions Tons/Yr: 0.569416458
NOX - Oxides of Nitrogen Tons/Yr: 2.469936
SOX - Oxides of Sulphur Tons/Yr: 0.008247521
Particulate Matter Tons/Yr: 0.083107648
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.07316797

Name: APPLIED MATERIALS
Address: 3050 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Year: 2020
County Code: 43
Air Basin: SF
Facility ID: 1427
Air District Name: BA
SIC Code: 3559
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.187919089
Reactive Organic Gases Tons/Yr: 0.10978109355
Carbon Monoxide Emissions Tons/Yr: 0.482628011
NOX - Oxides of Nitrogen Tons/Yr: 2.070985647
SOX - Oxides of Sulphur Tons/Yr: 0.008045636
Particulate Matter Tons/Yr: 0.083757195
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.072127401

T89 **SIGNETICS CORP**
WNW **1380 KIFER RD**
1/2-1 **SUNNYVALE, CA 94086**
0.816 mi.
4306 ft. **Site 2 of 2 in cluster T**

CA HWP **S108212224**
CA CERS **N/A**

Relative: HWP:
Lower EPA ID: CAT000614107
Actual: Name: SIGNETICS CORP
51 ft. Address: 1380 KIFER RD
Cleanup Status: PROTECTIVE FILER
Latitude: 37.37386
Longitude: -121.9987
Facility Type: Historical - Non-Operating
Facility Size: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SIGNETICS CORP (Continued)

S108212224

Supervisor:	Not reported
Site Code:	Not reported
Senate District:	10
Assembly District:	25
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Not reported
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	36-40%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported
Activities:	
EPA ID:	CAT000614107
Facility Type:	Historical - Non-Operating
Facility Name:	SIGNETICS CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	Not reported
Title Description:	Protective Filer
Due Date:	Not reported
Comments:	Closed 1989. Oversight by fire department. Closure verification not in file.
Unit Names:	OTHRTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Actual Date:	04/25/1983
EPA ID:	CAT000614107
Facility Type:	Historical - Non-Operating
Facility Name:	SIGNETICS CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	PROTECTIVE FILER
Activity Type:	Protective Filer Status
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	Not reported
Type:	Not reported
Title Description:	Protective Filer
Due Date:	Not reported
Comments:	Closed 1989. Oversight by fire department. Closure verification not in file.
Unit Names:	OTHRTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Actual Date:	05/10/1983

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SIGNETICS CORP (Continued)

S108212224

CERS:

Name: SIGNETICS CORP
 Address: 1380 KIFER RD
 City,State,Zip: SUNNYVALE, CA 940860000
 Site ID: 610118
 CERS ID: CAT000614107
 CERS Description: Hazardous Waste

Affiliation:

Affiliation Type Desc: Facility Owner
 Entity Name: TRAMEL - CROW CO
 Entity Title: Not reported
 Affiliation Address: 2180 SAND HILL RD #100
 Affiliation City: MENLO PARK
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 940250000
 Affiliation Phone: 4158545333,

Affiliation Type Desc: Facility Contact
 Entity Name: INACTIVE PER FEE RETURN 5/93
 Entity Title: Not reported
 Affiliation Address: 811 E ARQUES AVE
 Affiliation City: SUNNYVALE
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 940860000
 Affiliation Phone: 4087397700,

V90
ENE
 1/2-1
 0.823 mi.
 4346 ft.

AMEX PLATING INC
1849 WALSH AVE
SANTA CLARA, CA 95050

Site 1 of 2 in cluster V

RCRA-SQG 1000439005
CA ENVIROSTOR CAD981393101
FINDS
ECHO
CA HAZNET
CA HWTS

Relative:
Lower

Actual:
47 ft.

RCRA Listings:

Date Form Received by Agency: 19860218
 Handler Name: Amex Plating Inc
 Handler Address: 1849 WALSH AVE
 Handler City,State,Zip: SANTA CLARA, CA 95050
 EPA ID: CAD981393101
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 1849 WALSH AVE
 Contact City,State,Zip: SANTA CLARA, CA 95050
 Contact Telephone: 408-986-8222
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Other
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMEX PLATING INC (Continued)

1000439005

State District:	2
Mailing Address:	1849 WALSH AVE
Mailing City,State,Zip:	SANTA CLARA, CA 95050
Owner Name:	Jose Ridriguez
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSE RIDRIGUEZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19860218
Handler Name: AMEX PLATING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ENVIROSTOR:

Name: AMEX PLATING, INC.
Address: 1849 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 71002800
Status: Inactive - Needs Evaluation
Status Date: 10/14/1998
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36965
Longitude: -121.9581
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981393101
Alias Type: EPA Identification Number
Alias Name: 110002692060
Alias Type: EPA (FRS #)
Alias Name: 71002800
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 10/14/1998
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110002692060

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Envid: 1000439005
Registry ID: 110002692060
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002692060>
Name: AMEX PLATING INC
Address: 1849 WALSH AVE
City,State,Zip: SANTA CLARA, CA 95050

HAZNET:

Name: AMEX PLATING INC
Address: 1849 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950500000
Contact: --
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: 1849 WALSH AVE

Year: 1993
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: -
Tons: 4.55

Year: 1993
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: D80 - Disposal, Land Fill
Tons: 6.35

Year: 1992
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: -
Tons: 1.35

Year: 1992
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.4

Year: 1991
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: -
Tons: 2.375

Year: 1990
Gepaid: CAD981393101
TSD EPA ID: CAT000646117
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Tons:	1.55
Year:	1990
Gepaid:	CAD981393101
TSD EPA ID:	CAT000646117
CA Waste Code:	-
Disposal Method:	-
Tons:	0.45
Year:	1990
Gepaid:	CAD981393101
TSD EPA ID:	CAT000646117
CA Waste Code:	711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method:	-
Tons:	0.25
Year:	1990
Gepaid:	CAD981393101
TSD EPA ID:	CAT000646117
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	-
Tons:	0.225
Year:	1989
Gepaid:	CAD981393101
TSD EPA ID:	CAT000646117
CA Waste Code:	171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	-
Tons:	1.6

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1993
Gen EPA ID:	CAD981393101
Shipment Date:	19930907
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92285512
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT000646117
Trans Name:	Not reported
TSD EPA ID:	Not reported
TSD EPA Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F019
Meth Code:	- Not reported
Quantity Tons:	4.2
Waste Quantity:	8400
Quantity Unit:	P
Additional Code 1:	Not reported

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Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930810
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930812
Manifest ID:	92285510
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F019
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	4.8
Waste Quantity:	9600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930512
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930514
Manifest ID:	92285507
Trans EPA ID:	CAD003986718
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F019
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930224
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930226
Manifest ID:	92285505

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Trans EPA ID: CAD003986718
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: F019
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.35
Waste Quantity: 700
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930106
Creation Date: 9/6/1995 0:00:00
Receipt Date: 19930108
Manifest ID: 92285501
Trans EPA ID: CAD003986718
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 171 - Metal sludge (see 121
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.35
Waste Quantity: 700
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: AMEX PLATING INC
Address: 1849 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
EPA ID: CAD981393101
Inactive Date: 04/12/1995
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1849 WALSH AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950500000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMEX PLATING INC (Continued)

1000439005

Owner Name: Not reported
 Owner Address: 1849 WALSH AVE
 Owner Address 2: Not reported
 Owner City,State,Zip: SANTA CLARA, CA 950500000
 Contact Name: Not reported
 Contact Address: 1849 WALSH AVE
 Contact Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 950500000
 Facility Status: Inactive
 Facility Type: PERMANENT
 Category: FEDERAL
 Latitude: 37.369531
 Longitude: -121.959107

91
North
1/2-1
0.824 mi.
4353 ft.

SANTA CLARA SQUARE APARTMENTS
3255 SCOTT BOULEVARD
SANTA CLARA, CA 95054

CA ENVIROSTOR **S112958196**
CA VCP **N/A**
CA DEED

Relative:
Lower
Actual:
36 ft.

ENVIROSTOR:
 Name: SANTA CLARA SQUARE APARTMENTS
 Address: 3255 SCOTT BOULEVARD
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 60002212
 Status: Certified O&M - Land Use Restrictions Only
 Status Date: 09/23/2021
 Site Code: 202044
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Agreement
 Acres: 33
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Nicole Yuen
 Supervisor: Marikka Hughes
 Division Branch: Cleanup Berkeley
 Assembly: , 25
 Senate: , 10
 Special Program: Voluntary Agreement - CLRRRA
 Restricted Use: YES
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.38020
 Longitude: -121.9714
 APN: 216-45-049, 216-45-050
 Past Use: AGRICULTURAL - ORCHARD
 Potential COC: Arsenic Lead Dieldrin
 Confirmed COC: Arsenic Lead Dieldrin
 Potential Description: SOIL
 Alias Name: 216-45-049
 Alias Type: APN
 Alias Name: 216-45-050
 Alias Type: APN
 Alias Name: 202044
 Alias Type: Project Code (Site Code)
 Alias Name: 60002212
 Alias Type: Envirostor ID Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Info:

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/17/2015
Comments: Not reported

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/12/2015
Comments: The Results of Soil Characterization and Confirmation Sampling Program report presents the results of a soil characterization and pre-excavation confirmation sampling program that was conducted at the site. Dieldrin, arsenic and lead were found in soil at concentrations exceeding proposed remedial goals. The investigation did not identify any chemicals of concern in soil vapor or groundwater at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/28/2015
Comments: Not reported

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 07/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notification to the project proponent that the DTSC project manager for the site has changed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/18/2018
Comments: Pre-HARP for July 17, 2018 Site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/11/2020
Comments: DTSC has determine all appropriate response actions for Phase II of the Santa Clara Square Apartments project have been completed and that all acceptable engineering practices were implemented. Two land use covenants have been recorded for the site and DTSC will require ongoing monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/08/2021
Comments: DTSC did a site walkthrough of SCS Apartments and SCS Office 2 and 3.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3255 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/03/2015
Comments: DTSC notified the Santa Clara County Department of Environmental Health and the City of Santa Clara Planning & Inspection Department of its intent to enter into agreements under the California Land Reuse and Revitalization Act.

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3236 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3230 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3265 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/02/2019
Comments: Land Use Covenant for Santa Clara Square Apartments Phase I. LUC covers the parking garages of Building 1 and Building 2 as well as two tree protection zones. Activities interfering with the cap or tree protection zones are prohibited. Restricted property may only be used for commercial/industrial purposes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/13/2019
Comments: DTSC certified the completion of response actions at the Site on 12/12/2019. Annual inspection of the capped areas and the Tree Protection Zone are required by the restrictions outlined in the Land Use Covenant.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/04/2021
Comments: Roux Associates submitted LUC inspection reports on behalf of Irvine Company as required by the Phase I, Phase II Park and Phase II Non-Park LUCs. No violations of the LUCs were observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for current fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2019
Comments: Cost estimate letter projecting DTSC's oversight costs for the 2019 to 2020 fiscal year.

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/22/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2021
Comments: Not reported

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 01/21/2016
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots or 2 feet of clean soil in landscaped areas). The remaining contaminated soil will be transported and disposed at a permitted, off-Site landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/18/2016
Comments: The Plan presents methods for moving soil which may potentially be above California hazardous waste criteria to consolidation cells located in adjacent parcels within the Site separated by public right-of-ways.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/31/2020
Comments: Land use covenant covers 6 tree protection zones at the Site, totaling 10,002 square feet. Soil in the tree protection zones shall not be disturbed without prior approval of DTSC in writing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/21/2020
Comments: Land Use Covenant between 3255 Scott Boulevard LLC and DTSC recorded with the County of Santa Clara on February 21, 2020. Land Use

MAP FINDINGS

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Covenant covers 13 tree protection zones and the areas within the footprints of the three parking garage structures.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction
 Completed Date: 08/10/2021
 Comments: Land use covenant between DTSC and 3255 Scott Boulevard LLC, recorded with the County of Santa Clara on 8/9/2021. The Land Use Covenant restricts the use of 5 tree protection zones and the areas within the footprints of two parking garage structures (the Building 6 garage and the Building 7 garage).

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Pre-HARP Form
 Completed Date: 04/08/2021
 Comments: Pre-HARP has been completed and signed; hard copy in office.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Annual Oversight Cost Estimate
 Completed Date: 08/26/2021
 Comments: Annual oversight cost estimate projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Project Management
 Completed Date: 03/03/2021
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 02/02/2022
 Comments: Assignment and Assumption Agreement to transfer the CLRRRA agreement to Santa Clara Square Apts VI LLC from 3255 Scott Boulevard LLC for Parcel 6.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Land Use Restriction
 Completed Date: 08/10/2021
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Project Management
 Completed Date: 04/26/2021
 Comments: Not reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Amendment - Order/Agreement
 Completed Date: 02/02/2022
 Comments: Assignment and assumption agreement to transfer CLRRRA agreement from

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Scott Boulevard Apartments LLC to Santa Clara Square Apts VII LLC for Parcel 7.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60002212
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 33
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Site Code: 202044
Assembly: , 25
Senate: , 10
Special Programs Code: Voluntary Agreement - CLRRRA
Status: Certified O&M - Land Use Restrictions Only
Status Date: 09/23/2021
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.38020 / -121.9714
APN: 216-45-049, 216-45-050
Past Use: AGRICULTURAL - ORCHARD
Potential COC: 30001, 30013, 30207
Confirmed COC: 30001,30013,30207
Potential Description: SOIL
Alias Name: 216-45-049
Alias Type: APN
Alias Name: 216-45-050
Alias Type: APN
Alias Name: 202044
Alias Type: Project Code (Site Code)
Alias Name: 60002212
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Comments: Not reported

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/17/2015
Comments: Not reported

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/12/2015
Comments: The Results of Soil Characterization and Confirmation Sampling Program report presents the results of a soil characterization and pre-excavation confirmation sampling program that was conducted at the site. Dieldrin, arsenic and lead were found in soil at concentrations exceeding proposed remedial goals. The investigation did not identify any chemicals of concern in soil vapor or groundwater at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/17/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/28/2015
Comments: Not reported

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/01/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/19/2016
Comments: Not reported

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 07/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/23/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notification to the project proponent that the DTSC project manager for the site has changed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 07/18/2018
Comments: Pre-HARP for July 17, 2018 Site visit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/11/2020
Comments: DTSC has determine all appropriate response actions for Phase II of the Santa Clara Square Apartments project have been completed and that all acceptable engineering practices were implemented. Two land use covenants have been recorded for the site and DTSC will require ongoing monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/08/2021
Comments: DTSC did a site walkthrough of SCS Apartments and SCS Office 2 and 3.

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3255 Scott Boulevard LLC executed a California Land Reuse

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/03/2015
Comments: DTSC notified the Santa Clara County Department of Environmental Health and the City of Santa Clara Planning & Inspection Department of its intent to enter into agreements under the California Land Reuse and Revitalization Act.

Completed Area Name: OU3 - 3236 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3236 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3230 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 12/11/2015
Comments: DTSC and 3265 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 10/02/2019
Comments: Land Use Covenant for Santa Clara Square Apartments Phase I. LUC covers the parking garages of Building 1 and Building 2 as well as two tree protection zones. Activities interfering with the cap or tree protection zones are prohibited. Restricted property may only be used for commercial/industrial purposes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/13/2019
Comments: DTSC certified the completion of response actions at the Site on 12/12/2019. Annual inspection of the capped areas and the Tree Protection Zone are required by the restrictions outlined in the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/21/2016
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/04/2021
Comments: Roux Associates submitted LUC inspection reports on behalf of Irvine Company as required by the Phase I, Phase II Park and Phase II Non-Park LUCs. No violations of the LUCs were observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for current fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2019
Comments: Cost estimate letter projecting DTSC's oversight costs for the 2019 to 2020 fiscal year.

Completed Area Name: OU1 - 3265 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: OU2 - 3233 and 3255 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/31/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/22/2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/26/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2021
Comments: Not reported

Completed Area Name: OU4 - 3230 Scott
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 01/21/2016
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots or 2 feet of clean soil in landscaped areas). The remaining contaminated soil will be transported and disposed at a permitted, off-Site landfill.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/18/2016
Comments: The Plan presents methods for moving soil which may potentially be above California hazardous waste criteria to consolidation cells located in adjacent parcels within the Site separated by public right-of-ways.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/31/2020
Comments: Land use covenant covers 6 tree protection zones at the Site, totaling 10,002 square feet. Soil in the tree protection zones shall not be disturbed without prior approval of DTSC in writing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/21/2020
Comments: Land Use Covenant between 3255 Scott Boulevard LLC and DTSC recorded with the County of Santa Clara on February 21, 2020. Land Use Covenant covers 13 tree protection zones and the areas within the footprints of the three parking garage structures.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/10/2021
Comments: Land use covenant between DTSC and 3255 Scott Boulevard LLC, recorded with the County of Santa Clara on 8/9/2021. The Land Use Covenant restricts the use of 5 tree protection zones and the areas within the footprints of two parking garage structures (the Building 6 garage and the Building 7 garage).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 04/08/2021
Comments: Pre-HARP has been completed and signed; hard copy in office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 03/03/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/02/2022
Comments: Assignment and Assumption Agreement to transfer the CLRRRA agreement to Santa Clara Square Apts VI LLC from 3255 Scott Boulevard LLC for Parcel 6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 04/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/02/2022
Comments: Assignment and assumption agreement to transfer CLRRRA agreement from Scott Boulevard Apartments LLC to Santa Clara Square Apts VII LLC for Parcel 7.

Future Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002212
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002212
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002212
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002212
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE APARTMENTS (Continued)

S112958196

Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3255 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002212
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

V92
ENE
1/2-1
0.830 mi.
4385 ft.

THERMIONICS LABORATORY INC
1815 WALSH AVE
SANTA CLARA, CA 95050

RCRA-SQG **1000364938**
CA ENVIROSTOR **CAD089960520**
CA HAZNET
CA HWTS

Site 2 of 2 in cluster V

Relative:
Lower
Actual:
47 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: Thermionics Laboratory Inc
Handler Address: 1815 WALSH AVE
Handler City,State,Zip: SANTA CLARA, CA 95050
EPA ID: CAD089960520
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 2
Mailing Address: WALSH AVE
Mailing City,State,Zip: SANTA CLARA, CA 95050
Owner Name: Thermionics Laboratory Inc
Owner Type: Private
Operator Name: Not Required
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THERMIONICS LABORATORY INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: THERMIONICS LABORATORY INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ENVIROSTOR:

Name: AMEX PLATING, INC.
Address: 1815 WALSH AVENUE
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 71002670
Status: Inactive - Needs Evaluation
Status Date: 10/14/1997
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36969
Longitude: -121.9577
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD121387690
Alias Type: EPA Identification Number
Alias Name: 71002670
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 10/14/1997
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

Name: THERMIONICS LABORATORY INC
Address: 1815 WALSH AVE
Address 2: Not reported
City, State, Zip: SANTA CLARA, CA 950500000
Contact: INACTIVATED UNDELIVERABLE MAIL
Telephone: 4087270130
Mailing Name: Not reported
Mailing Address: 1815 WALSH AVE

Year: 1994
Gepaid: CAD089960520
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.608

Year: 1994
Gepaid: CAD089960520
TSD EPA ID: CAD009452657
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.4586

Year: 1993
Gepaid: CAD089960520
TSD EPA ID: CAT080031628
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: -
Tons: 0.608

Year: 1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Gepaid: CAD089960520
TSD EPA ID: 222640650
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: -
Tons: 0.1251

Year: 1985
Gepaid: CAD089960520
TSD EPA ID: CAD000094771
CA Waste Code: 111 -
Disposal Method: T01 - Treatment, Tank
Tons: 10.1289

Year: 1984
Gepaid: CAD089960520
TSD EPA ID: CAT080013535
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: D99 - Disposal, Other
Tons: 0.6255

Year: 1984
Gepaid: CAD089960520
TSD EPA ID: CAD074644659
CA Waste Code: 252 - Other still bottom waste
Disposal Method: R01 - Recycler
Tons: 0.2251

Year: 1984
Gepaid: CAD089960520
TSD EPA ID: CAD000633115
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H01 - Transfer Station
Tons: 0.05

Year: 1984
Gepaid: CAD089960520
TSD EPA ID: CAD074644659
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1984
Gepaid: CAD089960520
TSD EPA ID: CAD071692016
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.2293

[Click this hyperlink](#) while viewing on your computer to access 7 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 1994
Gen EPA ID: CAD089960520

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Shipment Date: 19940726
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940726
Manifest ID: 93645288
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F001
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940726
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940726
Manifest ID: 93645288
Trans EPA ID: CAD009452657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009452657
Trans Name: Not reported
TSDf Alt EPA ID: CAD009452657
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940614
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940614
Manifest ID: 93127360
Trans EPA ID: CAD980695761
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD980887418

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Trans Name: Not reported
TSDf Alt EPA ID: CAD980887418
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.608
Waste Quantity: 160
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD089960520

Shipment Date: 19930526
Creation Date: 9/7/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92096501
Trans EPA ID: CAD980695761
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080031628
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: F002
Meth Code: - Not reported
Quantity Tons: 0.608
Waste Quantity: 160
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: THERMIONICS LABORATORY INC
Address: 1815 WALSH AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
EPA ID: CAD089960520
Inactive Date: 01/01/1995
Create Date: 05/13/1985
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1815 WALSH AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA CLARA, CA 950500000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THERMIONICS LABORATORY INC (Continued)

1000364938

Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: INACTIVATED UNDELIVERABLE MAIL
Contact Address: SURVEY NOV 1994
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.369356
Longitude: -121.957788

93
NNW
1/2-1
0.831 mi.
4387 ft.

HEWLETT PACKARD (AVANTEK)
3175 BOWERS AVE
SANTA CLARA, CA 95054

Relative:
Lower
Actual:
38 ft.

SEMS-ARCHIVE 1000322137
RCRA-SQG CAD009442484
CA ENVIROSTOR
CA LUST
CA CPS-SLIC
CA HIST LUST
CA HIST UST
CA CHMIRS
CA Cortese
CA ENF
CA HIST CORTESE
NY MANIFEST
CA CIWQS
CA CERS

SEMS Archive:

Site ID: 0901214
EPA ID: CAD009442484
Name: HEWLETT PACKARD (AVANTEK)
Address: 3175 BOWERS AVE
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95054
Cong District: 13
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0901214
EPA ID: CAD009442484
Site Name: HEWLETT PACKARD (AVANTEK)
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1990-05-28 04:00:00
Finish Date: 1990-05-28 04:00:00
Qual: L
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Region: 09
Site ID: 0901214
EPA ID: CAD009442484
Site Name: HEWLETT PACKARD (AVANTEK)
NPL: N
FF: N
OU: 00
Action Code: OO
Action Name: SITE REASS
SEQ: 1
Start Date: 2013-07-01 05:00:00
Finish Date: 2014-04-24 05:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901214
EPA ID: CAD009442484
Site Name: HEWLETT PACKARD (AVANTEK)
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 2
Start Date: 1986-09-01 04:00:00
Finish Date: 1987-09-01 04:00:00
Qual: L
Current Action Lead: St Perf

Region: 09
Site ID: 0901214
EPA ID: CAD009442484
Site Name: HEWLETT PACKARD (AVANTEK)
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1985-04-01 06:00:00
Finish Date: 1985-04-01 06:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901214
EPA ID: CAD009442484
Site Name: HEWLETT PACKARD (AVANTEK)
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1988-04-01 05:00:00
Finish Date: 1988-04-01 05:00:00

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Qual: L
 Current Action Lead: St Perf

RCRA Listings:

Date Form Received by Agency: 19991029
 Handler Name: Hewlett Packard Co
 Handler Address: 3175 BOWERS AVE
 Handler City,State,Zip: SANTA CLARA, CA 95054-3292
 EPA ID: CAD009442484
 Contact Name: ALISON REMPEL
 Contact Address: 3000 HANOVER ST
 Contact City,State,Zip: PALO ALTO, CA 94305
 Contact Telephone: 650-857-5290
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3000 HANOVER ST
 Mailing City,State,Zip: PALO ALTO, CA 94305
 Owner Name: Hewlett Packard Co
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 202 GPRA Corrective Action Baseline: No
 Subject to Corrective Action Universe: No
 Non-TSDFs Where RCRA CA has Been Imposed Universe: No
 Corrective Action Priority Ranking: No NCAPS ranking
 Environmental Control Indicator: No
 Institutional Control Indicator: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: AVANTEK, INC.	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Owner/Operator Address: 3175 BOWERS AVENUE
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 408-727-0700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HEWLETT PACKARD CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3000 HANOVER ST
Owner/Operator City,State,Zip: PALO ALTO, CA 94305
Owner/Operator Telephone: 650-857-1501
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: HEWLETT PACKARD CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: HEWLETT PACKARD CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19991029
Handler Name: HEWLETT PACKARD CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Electronic Manifest Broker:	Not reported
Receive Date:	19900412
Handler Name:	AVANTEK INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920331
Handler Name:	AVANTEK INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940330
Handler Name:	AVANTEK INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960329
Handler Name:	HEWLETT-PACKARD COMPANY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	HEWLETT-PACKARD COMPANY
Federal Waste Generator Description:	Large Quantity Generator

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: HEWLETT-PACKARD COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

NAICS Code: 334515
NAICS Description: INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ENVIROSTOR:

Name: AVANTEK, INC
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 43360071
Status: Refer: RWQCB
Status Date: 01/14/1991
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 15
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37962
Longitude: -121.9765
APN: 21646001, 21646002
Past Use: AGRICULTURAL - ORCHARD, MANUFACTURING - ELECTRONIC
Potential COC: Arsenic 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Confirmed COC: Arsenic 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride
Potential Description: OTH
Alias Name: HEWLETT PACKARD (AVANTEK)
Alias Type: Alternate Name
Alias Name: 21646001
Alias Type: APN
Alias Name: 21646002
Alias Type: APN
Alias Name: CAD009442484
Alias Type: EPA Identification Number
Alias Name: 110033617012
Alias Type: EPA (FRS #)
Alias Name: 43360071
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/04/1988
Comments: Site Screening Done: TCE in generator. Two solvent tanks removed in June 1986.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/20/1997
Comments: further action required under RWQCB oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/08/2002
Comments: Site cleaned up under RWQCB oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 04/24/2014
Comments: Multiple groundwater extraction and treatment systems installed at various times. RWQCB confirmed the completion of the site investigation and remedial action (Geotracker ID: T0608501746).

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

CERCLIS Non-NPL Status Change: NFRAP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2006
Comments: DTSC reviewed the proposed redevelopment projects and determined that based on existing controls and proposed work would not breach existing cap, there were no additional requirements DTSC would recommend for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/14/1990
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: HEWLETT PACKARD CO. - BOWERS SANTA CLARA
Address: 3175 BOWERS AVENUE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71002288
Status: Refer: Other Agency
Status Date: 01/14/1991
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 15
NPL: NO
Regulatory Agencies: RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37962
Longitude: -121.9765
APN: 21646001, 21646002
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 43360071

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Alias Type: Alternate Name
Alias Name: 21646001
Alias Type: APN
Alias Name: 21646002
Alias Type: APN
Alias Name: CAD009442484
Alias Type: EPA Identification Number
Alias Name: 110002147677
Alias Type: EPA (FRS #)
Alias Name: 71002288
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:

Name: AVANTEK
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608501746
Global Id: T0608501746
Latitude: 37.378809998587
Longitude: -121.976603440475
Status: Completed - Case Closed
Status Date: 02/03/1997
Case Worker: UUU
RB Case Number: 43-1819
Local Agency: SANTA CLARA COUNTY LOP
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 09/10/1990
Leak Reported Date: 06/29/1993
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Discharge Cause: Physc / Mech Damage
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 02/03/1997
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:

Global Id: T0608501746
Contact Type: Local Agency Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

Global Id: T0608501746
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608501746
Action Type: RESPONSE
Date: 02/03/1997
Action: Other Report / Document

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 01/16/1992
Action: Letter - Notice

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 08/23/1995
Action: Staff Letter

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 11/08/1993
Action: Staff Letter

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 03/06/1995

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Action: Staff Letter

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 02/03/1997
Action: Closure/No Further Action Letter

Global Id: T0608501746
Action Type: Other
Date: 06/29/1993
Action: Leak Reported

Global Id: T0608501746
Action Type: RESPONSE
Date: 11/26/1991
Action: Other Report / Document

Global Id: T0608501746
Action Type: RESPONSE
Date: 06/16/1989
Action: Other Report / Document

Global Id: T0608501746
Action Type: RESPONSE
Date: 10/24/1995
Action: Other Report / Document

Global Id: T0608501746
Action Type: RESPONSE
Date: 01/16/1992
Action: Correspondence

Global Id: T0608501746
Action Type: RESPONSE
Date: 01/30/1996
Action: Other Report / Document

Global Id: T0608501746
Action Type: RESPONSE
Date: 07/19/1991
Action: Correspondence

Global Id: T0608501746
Action Type: ENFORCEMENT
Date: 01/02/1992
Action: Staff Letter

Global Id: T0608501746
Action Type: Other
Date: 06/29/1993
Action: Leak Discovery

Global Id: T0608501746
Action Type: Other
Date: 06/29/1993
Action: Leak Stopped

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Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

LUST:

Global Id: T0608501746
Status: Open - Case Begin Date
Status Date: 09/10/1990

Global Id: T0608501746
Status: Open - Site Assessment
Status Date: 09/10/1990

Global Id: T0608501746
Status: Open - Remediation
Status Date: 09/03/1996

Global Id: T0608501746
Status: Completed - Case Closed
Status Date: 02/03/1997

LUST REG 2:

Region: 2
Facility Id: 43-1819
Facility Status: Case Closed
Case Number: 06S1W28K01
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 9/10/1990
Pollution Remediation Plan Submitted: 9/3/1996
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

LUST SANTA CLARA:

Name: AVANTEK
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA
Region: SANTA CLARA
SCVWD ID: 06S1W28K01F
Date Closed: 02/03/1997
EDR Link ID: 06S1W28K01F

SLIC REG 2:

Region: 2
Facility ID: 43s0010
Facility Status: Post remedial action monitoring
Date Closed: Not reported
Local Case #: Not reported
How Discovered: UNK
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Date Preliminary Site Assessment Began: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CPS-SLIC:

Name: HEWLETT PACKARD - BOWERS AVE
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054-3292
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 05/26/2011
Global Id: SL18275696
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.3797456629513
Longitude: -121.976734542328
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S0010
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, * * CIS-1,2-DICHLOROETHYLENE, Trichloroethylene (TCE), Vinyl chloride
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1986
Leak Reported Date: 01/02/1965
How Discovered: * UNK
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 05/26/2011
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST LUST SANTA CLARA:

Name: AVANTEK
Address: 3175 Bowers Ave
City: Santa Clara
Region: SANTA CLARA

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Region Code: 2
SCVWD ID: 06S1W28K01
Oversite Agency: SFRWQCB
Date Listed: 1993-06-29 00:00:00
Closed Date: 1997-02-03 00:00:00

HIST UST:

Name: AVANTEK SANTA CLARA FACILITY
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95051
File Number: 0002ce5f
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ce5f.pdf>
Region: STATE
Facility ID: 00000021349
Facility Type: Other
Other Type: MICROWAVE
Contact Name: MOHAN MAHAL
Telephone: 4087270700
Owner Name: AVANTEK, INC.
Owner Address: 3175 BOWERS AVENUE
Owner City,St,Zip: SANTA CLARA, CA 95051
Total Tanks: 0003

Tank Num: 001
Container Num: (A) BLDG-1
Year Installed: 1972
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 002
Container Num: (C) BLDG-3
Year Installed: 1979
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Groundwater Monitoring Well

Tank Num: 003
Container Num: BLDG-4
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CHMIRS:

Name: Not reported
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054

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Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

OES Incident Number:	9-1726
OES notification:	04/19/1999
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	sanitary sewer
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1999
Agency:	Hewlett Packard
Incident Date:	4/14/199912:00:00 AM
Admin Agency:	Santa Clara County Health Department
Amount:	Not reported
Contained:	No
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	Sodium Hydroxide
Gallons:	50
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Waste water treatment system failure cause chemical feed tank to release via gravity, material was diluted in 3000 gals of water, and released into sanitary sewer, company nuetralized the tank, situation was cleaned up 1730 hrs
Name:	Not reported
Address:	3175 BOWERS AVE
City,State,Zip:	SANTA CLARA, CA
OES Incident Number:	78
OES notification:	Not reported
OES Date:	2/25/1994
OES Time:	04:29:19 PM
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Agency: avantek
Incident Date: 02/25/94 0600
Admin Agency: Not reported
Amount: unknown
Contained: YES
Site Type: IND PLT
E Date: Not reported
Substance: water
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: NO
Number of Injuries: NO
Number of Fatalities: NO
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
FATALS: Not reported
Comments: Not reported
Description: roots blocked a pipe which leads from the cooling tower into a sanitary sewer system and this went on for about 5 hrs. test samples sent out to lab.

Name: Not reported
Address: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA 95054-3202
OES Incident Number: 908866
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 16-NOV-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 896006
Time Notified: 709
Time Completed: 1118
Surrounding Area: 700
Estimated Temperature: Not reported
Property Management: P
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Reporting Officer Name/ID: DAVID R PARKER/15C-1
Report Date: 26-NOV-89
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: 16-NOV-89
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 23-MAY-90
Substance: Not reported
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fataals: Not reported
Comments: Not reported
Description: Not reported

CORTESE:

Name: AVANTEK
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0608501746
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

Name: AVANTEK-3175 BOWERS
Address: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE

Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: AVANTEK-3175 BOWERS
Address: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA
Region: 2
Facility Id: 206854
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223286
Region:	2
Order / Resolution Number:	94-012
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	01/19/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438176N01
Description:	SCR-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Program: ENFCOA
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: AVANTEK-3175 BOWERS
Address: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA
Region: 2
Facility Id: 206854
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: UNREGS
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	221923
Region:	2
Order / Resolution Number:	R2-1998-0092
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/16/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 438176N01
Description:	CAO-SITE CLEANUP REQUIREMENTS
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	AVANTEK-3175 BOWERS
Address:	3175 BOWERS
City,State,Zip:	SANTA CLARA, CA
Region:	2
Facility Id:	206854
Agency Name:	Not reported
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	222728
Region:	2
Order / Resolution Number:	90-042
Enforcement Action Type:	Clean-up and Abatement Order

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Effective Date: 03/21/1990
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 2 438176N01
Description: SCR-REVISES ORDER # 86-002
Program: ENFCAO
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-AVANTEK-3175 BOWERS
edr_fadd1: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438176N01

edr_fname: AVANTEK
edr_fadd1: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-1819

NY MANIFEST:

Name: AVANKEK INCORPORATED
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054-3292
Country: USA
EPA ID: CAD009442484
Facility Status: Not reported
Location Address 1: 3175 BOWERS AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: SANTA CLARA
Location State: CA
Location Zip: 95954
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD009442484
Mailing Name: AVANKEK INCORPORATED
Mailing Contact: AVANKEK INCORPORATED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Mailing Address 1: 3175 BOWERS AVENUE
Mailing Address 2: Not reported
Mailing City: SANTA CLARA
Mailing State: CA
Mailing Zip: 95054
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 4089702771

CIWQS:

Name: AVANTEK-3175 BOWERS
Address: 3175 BOWERS
City,State,Zip: SANTA CLARA, CA 95051
Agency: HP, Inc
Agency Address: 1501 Page Mill Road 100, Palo Alto, CA 94304
Place/Project Type: Other
SIC/NAICS: 3674
Region: 2
Program: UNREGS
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: 86-002
WDID: 2 438176N01
NPDES Number: Not reported
Adoption Date: 02/19/1986
Effective Date: 02/19/1986
Termination Date: Not reported
Expiration/Review Date: 02/19/1991
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: B
TTWQ: 1
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

CERS:

Name: AVANTEK
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 194136
CERS ID: T0608501746
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEWLETT PACKARD (AVANTEK) (Continued)

1000322137

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

Name: HEWLETT PACKARD - BOWERS AVE
Address: 3175 BOWERS AVE
City,State,Zip: SANTA CLARA, CA 95054-3292
Site ID: 251737
CERS ID: SL18275696
CERS Description: Cleanup Program Site

W94
North
1/2-1
0.840 mi.
4436 ft.

ZETA LABORATORIES INC
3265 SCOTT BLVD
SANTA CLARA, CA 95051

SEMS-ARCHIVE **1000142777**
CORRACTS **CAD049233570**
RCRA-SQG
FINDS
ECHO

Site 1 of 2 in cluster W

Relative:
Lower
Actual:
37 ft.

SEMS Archive:
Site ID: 0900216
EPA ID: CAD049233570
Name: ZETA LABORATORIES INC
Address: 3265 SCOTT BLVD
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95051
Cong District: 13
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0900216
EPA ID: CAD049233570
Site Name: ZETA LABORATORIES INC
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0900216
EPA ID: CAD049233570
Site Name: ZETA LABORATORIES INC
NPL: N

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-08-02 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900216
EPA ID: CAD049233570
Site Name: ZETA LABORATORIES INC
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-01-01 05:00:00
Finish Date: 1991-01-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

Name: ZETA LABORATORIES INC
Address: 3265 SCOTT BLVD
Address 2: Not reported
EPA ID: CAD049233570
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19910725
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA Listings:

Date Form Received by Agency: 19960901
Handler Name: Zeta Laboratories Inc
Handler Address: 3265 SCOTT BLVD
Handler City,State,Zip: SANTA CLARA, CA 95051
EPA ID: CAD049233570
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	SCOTT BLVD
Mailing City,State,Zip:	SANTA CLARA, CA 95051
Owner Name:	Zeta Laboratories Inc
Owner Type:	Private
Operator Name:	Zeta Laboratories Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:
 Owner/Operator Indicator: Owner
 Owner/Operator Name: ZETA LABORATORIES INC
 Legal Status: Private

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3265 SCOTT BLVD
Owner/Operator City,State,Zip: SANTA CLARA, CA 95051
Owner/Operator Telephone: 408-727-6001
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ZETA LABORATORIES INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3265 SCOTT BLVD
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 408-727-6001
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: ZETA LABORATORIES INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19870914
Actual Return to Compliance Date:	19871124
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19871124
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19870916
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870914
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19871124
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110002647556

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055666603

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000142777
Registry ID: 110002647556
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002647556>
Name: ZETA LABORATORIES INC

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ZETA LABORATORIES INC (Continued)

1000142777

Address: 3265 SCOTT BLVD
 City,State,Zip: SANTA CLARA, CA 95054

W95
North
1/2-1
0.840 mi.
4436 ft.
Relative:
Lower
Actual:
37 ft.

ZETA LABORATORIES INC
3265 SCOTT BLVD
SANTA CLARA, CA 95051
Site 2 of 2 in cluster W

CA ENVIROSTOR
CA HIST UST
CA HWP
CA NPDES
CA CIWQS
CA CERS

U001601931
N/A

ENVIROSTOR:

Name: ZETA LABORATORIES INC
 Address: 3265 SCOTT BLVD
 City,State,Zip: SANTA CLARA, CA 950510000
 Facility ID: 80001402
 Status: No Further Action
 Status Date: 05/16/2012
 Site Code: Not reported
 Site Type: Corrective Action
 Site Type Detailed: Corrective Action
 Acres: 1
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.38039
 Longitude: -121.9737
 APN: NONE SPECIFIED
 Past Use: MANUFACTURING - ELECTRONIC
 Potential COC: Freon 113 1,1,1-Trichloroethane (TCA Acetone Copper and compounds
 Cyanide (free Methanol Nitrite Toluene
 Confirmed COC: Freon 113 30026-NO 30032-NO 30156-NO 30160-NO 30364-NO 30410-NO
 30550-NO
 Potential Description: OTH
 Alias Name: CAD049233570
 Alias Type: EPA Identification Number
 Alias Name: 110002647556
 Alias Type: EPA (FRS #)
 Alias Name: 80001402
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Assessment Report
 Completed Date: 07/25/1991
 Comments: Not reported
 Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Completed Document Type: RCRA Facility Assessment Report
Completed Date: 05/16/2012
Comments: The site had been identified in Envirostor with an inactive-needs evaluation status, and DTSC performed a site screening to determine whether further action was required. Based on the site screening, DTSC concluded that no further action is required at the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

Name: ZETA LABORATORIES
Address: 3265 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA 95054
File Number: 00020adb
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00020adb.pdf>
Region: STATE
Facility ID: 00000030269
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 4087276001
Owner Name: ZETA LABORATORIES, INC
Owner Address: 3265 SCOTT BLVD.
Owner City,St,Zip: SANTA CLARA, CA 95054
Total Tanks: 0001

Tank Num: 001
Container Num: 90029
Year Installed: 1979
Tank Capacity: 00000055
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: .75
Leak Detection: None

Click here for Geo Tracker PDF:

HWP:

EPA ID: CAD049233570
Name: ZETA LABORATORIES INC
Address: 3265 SCOTT BLVD
Cleanup Status: CLOSED
Latitude: 37.38039
Longitude: -121.9737
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Senate District:	10
Assembly District:	25
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	In 1977, Zeta Laboratories occupied one of the three buildings that were known at the time as the San Thomas Business Park, which was owned by the San Thomas Development Company. Zeta Laboratories manufactured microwave communication components and printed circuit boards. The Department of Health Services, Toxic Substances Control Division (DHS, predecessor to the Department of Toxic Substances Control) issued an Interim Status Document to Zeta Laboratories on December 16, 1981 for waste treatment that was being performed. DHS later agreed to withdraw the ISD because wastes were stored for less than 90 days and neutralization was the only type of treatment being done. In June 1987, the facility closed, and Zeta Laboratories vacated the Site and moved their operations to 2811 Orchard Parkway in San Jose. The Department approved the facility closure. Various businesses have operated in the building since Zeta Laboratories moved their operations.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	76-80%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported
Closure:	
EPA ID:	CAD049233570
Facility Type:	Historical - Non-Operating
Facility Name:	ZETA LABORATORIES INC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	RCRA
Title Description:	Clean Close
Due Date:	Not reported
Comments:	Inspection Report and Site Screening confirms closure in 1987.
Unit Names:	Unit 1
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date:	09/15/1987
NPDES:	
Name:	SANTA CLARA SQUARE APARTMENTS
Address:	3265 SCOTT BLVD
City,State,Zip:	SANTA CLARA, CA 95054
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	2
Agency Number:	0

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Regulatory Measure ID: 466937
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 2 43C374999
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/30/2015
Termination Date Of Regulatory Measure: 12/07/2021
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 5451 Great America Parkway
Discharge Name: 3265 Scott Boulevard LLC
Discharge City: Santa Clara
Discharge State: California
Discharge Zip: 95054
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 2
Regulatory Measure ID: 466937
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 2 43C374999
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/30/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: 3265 Scott Boulevard LLC
Discharge Address: 690 N McCarthy Blvd Suite 100
Discharge City: Milpitas
Discharge State: California
Discharge Zip: 95035
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	466937
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 43C374999
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/23/2015
Processed Date:	12/30/2015
Status:	Active
Status Date:	12/30/2015
Place Size:	33.4
Place Size Unit:	Acres
Contact:	Mark Gould
Contact Title:	VP Construction
Contact Phone:	408-957-1242
Contact Phone Ext:	Not reported
Contact Email:	mgould@irvinecompany.com
Operator Name:	3265 Scott Boulevard LLC
Operator Address:	690 N McCarthy Blvd Suite 100
Operator City:	Milpitas
Operator State:	California
Operator Zip:	95035
Operator Contact:	Mark Gould
Operator Contact Title:	VP Construction
Operator Contact Phone:	408-957-1242
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mgould@irvinecompany.com
Operator Type:	Private Business
Developer:	Irvine Company
Developer Address:	690 N McCarthy Blvd Suite 100
Developer City:	Milpitas
Developer State:	California
Developer Zip:	95035
Developer Contact:	Mark Gould
Developer Contact Title:	VP Construction
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commercial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Saratoga Creek
Certifier:	Marshall Gould
Certifier Title:	VP Construction
Certification Date:	23-DEC-15

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Database(s)

EDR ID Number
EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

CIWQS:

Name: SANTA CLARA SQUARE APARTMENTS
Address: 3265 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA 95054
Agency: 3265 Scott Boulevard LLC
Agency Address: 5451 Great America Parkway Suite 201, Santa Clara, CA 95054
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C374999
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 12/30/2015
Termination Date: 12/07/2021
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.382111
Longitude: -121.973161

CERS:

Name: ZETA LABORATORIES IN
Address: 3265 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA 950510000
Site ID: 610980
CERS ID: 80001402
CERS Description: Corrective Action

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: Mark Piros
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: ZETA LABORATORIES INC
Address: 3265 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA 950510000
Site ID: 610981

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Site

Database(s)

EDR ID Number
 EPA ID Number

ZETA LABORATORIES INC (Continued)

U001601931

CERS ID: CAD049233570
 CERS Description: Hazardous Waste

Affiliation:
 Affiliation Type Desc: Facility Owner
 Entity Name: ZETA LABORATORIES INC
 Entity Title: Not reported
 Affiliation Address: 3265 SCOTT BLVD
 Affiliation City: SANTA CLARA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 950510000
 Affiliation Phone: 4087276001,

Affiliation Type Desc: Facility Contact
 Entity Name: INACTIVATED UNDELIVERABLE MAIL
 Entity Title: Not reported
 Affiliation Address: SURVEY NOV 1994
 Affiliation City: SANTA CLARA
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 950510000
 Affiliation Phone: 4087276001,

96
NW
1/2-1
0.859 mi.
4533 ft.
Relative:
Lower
Actual:
48 ft.

BROTHERS UNION INTERNATIONAL
2964 CORVIN DR
SANTA CLARA, CA 95051

RCRA-SQG **1000591995**
CA ENVIROSTOR **CAD980813356**
CA CPS-SLIC
FINDS
ECHO
CA WDS
CA CIWQS
CA CERS

RCRA Listings:
 Date Form Received by Agency: 20020226
 Handler Name: Brothers Union International
 Handler Address: 2964 CORVIN DRIVE
 Handler City,State,Zip: SANTA CLARA, CA 95051
 EPA ID: CAD980813356
 Contact Name: PALMER CRAIG
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: 408-749-8811
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 2964 CORVIN DRIVE
 Mailing City,State,Zip: SANTA CLARA, CA 95051

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Owner Name:	Al Figueroa
Owner Type:	Private
Operator Name:	Al Figueroa
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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BROTHERS UNION INTERNATIONAL (Continued)

1000591995

FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AL FIGUEROA
Legal Status: Private
Date Became Current: 19921101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FULCRAN PROPERTY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: P O BOX 9068
Owner/Operator City,State,Zip: SANTA ROSA, CA 95005-9068
Owner/Operator Telephone: 707-575-7100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AL FIGUEROA
Legal Status: Private
Date Became Current: 19921101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AL FIGUEROA
Legal Status: Private
Date Became Current: 19921101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Owner/Operator Name: AL FIGUEROA
Legal Status: Private
Date Became Current: 19921101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: BROTHERS UNION INTERNATIONAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020226
Handler Name: BROTHERS UNION INTERNATIONAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960131
Handler Name: BROTHERS UNION INTERNATIONAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: BROTHERS UNION INTERNATIONAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960301
Handler Name:	BROTHERS UNION INT'L
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	BROTHERS UNION INTLS
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	BROTHERS UNION INTL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020226
Handler Name:	BROTHERS UNION INTERNATIONAL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334412
NAICS Description: BARE PRINTED CIRCUIT BOARD MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

ENVIROSTOR:

Name: BROTHERS UNION INTERNATIONAL
Address: 2964 CORVIN DRIVE
City,State,Zip: SANTA CLARA, CA 95051
Facility ID: 71002687
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37495
Longitude: -121.9885
APN: 21633033
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 21633033
Alias Type: APN
Alias Name: CAD980813356
Alias Type: EPA Identification Number
Alias Name: 110000886863
Alias Type: EPA (FRS #)
Alias Name: 71002687
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: PENINSULA CIRCUIT BOARD
Address: 2964 CORVIN DRIVE
City,State,Zip: SANTA CLARA, CA 95051
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/01/2015
Global Id: T10000008042
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.37498
Longitude: -121.98863
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0353
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Nickel
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 12/01/2015
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 12/01/2015
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 31-35%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

FINDS:

Registry ID: 110000886863

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000591995
Registry ID: 110000886863
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000886863>
Name: BROTHERS UNION INTERNATIONAL
Address: 2964 CORVIN DR
City,State,Zip: SANTA CLARA, CA 95051

WDS:

Name: BROTHERS UNION INT
Address: 2964 Corvin Dr
City: SANTA CLARA
Facility ID: San Francisco Bay 43I010292
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4087498811
Facility Contact: PALMER CRAIG
Agency Name: BROTHERS UNION INT
Agency Address: 2964 Corvin Dr
Agency City,St,Zip: Santa Clara 950510706
Agency Contact: PALMER CRAIG
Agency Telephone: 4087498811
Agency Type: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: BROTHERS UNION INT
Address: 2964 CORVIN DR
City,State,Zip: SANTA CLARA, CA 95051
Agency: Brothers Union Int
Agency Address: 2964 Corvin Dr, Santa Clara, CA 95051
Place/Project Type: Industrial - Printed Circuit Boards
SIC/NAICS: 3672
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 43I010292
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 07/08/1993
Termination Date: 01/22/2008
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.37425
Longitude: -121.98787

CERS:

Name: PENINSULA CIRCUIT BOARD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BROTHERS UNION INTERNATIONAL (Continued)

1000591995

Address: 2964 CORVIN DRIVE
 City,State,Zip: SANTA CLARA, CA 95051
 Site ID: 361326
 CERS ID: T10000008042
 CERS Description: Cleanup Program Site

Affiliation:
 Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

97
NE
1/2-1
0.889 mi.
4695 ft.

APPLIED KOMATSU TECHNOLOGY
3101 SCOTT BOULEVARD
SANTA CLARA, CA 95054

CA ENVIROSTOR **S103950439**
CA WDS **N/A**

Relative:
Lower
Actual:
36 ft.

ENVIROSTOR:
 Name: APPLIED KOMATSU TECHNOLOGY
 Address: 3101 SCOTT BOULEVARD
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 71003585
 Status: Refer: RWQCB
 Status Date: 11/27/2013
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 11
 NPL: NO
 Regulatory Agencies: RWQCB 2 - San Francisco Bay
 Lead Agency: RWQCB 2 - San Francisco Bay
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.37870
 Longitude: -121.9632
 APN: 22409165
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 22409165
 Alias Type: APN
 Alias Name: CA0001009448
 Alias Type: EPA Identification Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED KOMATSU TECHNOLOGY (Continued)

S103950439

Alias Name: 110002623368
Alias Type: EPA (FRS #)
Alias Name: SL18202582
Alias Type: GeoTracker Global ID
Alias Name: 71003585
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 11/27/2013
Comments: DTSC performed a site screening to determine whether any releases have occurred at the site that require corrective actions. Based on information gathered during the site screening, it was found that Varian Associates performed investigation and cleanup with oversight by the Regional Water Quality Control Board (RWQCB), including remediating groundwater contaminated with 1,1,1-trichloroethane. Therefore DTSC recommended no further action is required and that the site status be identified as refer to RWQCB.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WDS:

Name: AKT AMERICA INC
Address: 3101 Scott Blvd
City: SANTA CLARA
Facility ID: San Francisco Bay 43I015551
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4086549700
Facility Contact: JOHN EDWARDS
Agency Name: APPLIED MATERIALS INC
Agency Address: 3050 Bowers Ave
Agency City,St,Zip: Santa Clara 950543298
Agency Contact: TOM HUYNH
Agency Telephone: 4087275555
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APPLIED KOMATSU TECHNOLOGY (Continued)

S103950439

Primary Waste Type: Not reported
 Primary Waste: Not reported
 Waste Type2: Not reported
 Waste2: Not reported
 Primary Waste Type: Not reported
 Secondary Waste: Not reported
 Secondary Waste Type: Not reported
 Design Flow: 0
 Baseline Flow: 0
 Reclamation: Not reported
 POTW: Not reported
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**98
 NW
 1/2-1
 0.892 mi.
 4710 ft.**

**ZEP MANUFACTURING COMPANY
 2970 CORVIN DRIVE
 SANTA CLARA, CA 95051**

**CA ENVIROSTOR
 CA CPS-SLIC
 CA CHMIRS**

**S100279160
 N/A**

**Relative:
 Lower
 Actual:
 46 ft.**

ENVIROSTOR:
 Name: ZEP MANUFACTURING COMPANY
 Address: 2970 CORVIN DRIVE
 City,State,Zip: SANTA CLARA, CA 95051
 Facility ID: 43280127
 Status: Refer: RWQCB
 Status Date: 07/01/1991
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Referred - Not Assigned
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.37550
 Longitude: -121.9885
 APN: 216-33-015
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZEP MANUFACTURING COMPANY (Continued)

S100279160

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 216-33-015
Alias Type: APN
Alias Name: CAD077188910
Alias Type: EPA Identification Number
Alias Name: 43280127
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 12/04/1989
Comments: Facility identified via EPA Federal Investigation Team (FIT) Screening Site Inspection (SSI) Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/01/1991
Comments: Site Screening Done: LSI planned by EPA based on completed EPA SSI. Since 1965, Zep has manufactured hand soaps, degreasers, floor cleaners, detergents, and disinfectants at this three- acre facility comprised of two buildings. A 2000-gallon below-grade concrete sump that was used to collect waste- water until 1984 apparently leaked and contaminated sub- surface soil and the uppermost aquifer underlying the site with hazardous organic compounds including phenol, mineral spirits, methylene chloride, trichloroethane, tetrachloro- ethylene, chlorobenzene, dichloroethylene, and dichloro- ethane. Soil borings and subsequent groundwater investigations have identified the abandoned sump as the origin of contamination. Presence of TCA in a downgradient municipal drinking water well has confirmed the inter- connection between the uppermost and the lower aquifers and spread of the contaminant plume. Currently, evaluation of clean alternatives is in progress with oversight by the RWQCB. Documented release of hazardous chemicals in drinking water has been observed. The target population for groundwater use is significant, so is the potential of release of waste volume in the environment. RWQCB is current lead.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: ZEP MANUFACTURING COMPANY
Address: 2970 CORVIN DR
City,State,Zip: SANTA CLARA, CA 95050
Region: STATE
Facility Status: **Open - Inactive**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZEP MANUFACTURING COMPANY (Continued)

S100279160

Status Date: 01/09/2020
Global Id: SLT2O309200
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.375462
Longitude: -121.988657
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S0198
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/01/1985
Leak Reported Date: 01/01/1985
How Discovered: Site Assessment/Site Investigation
How Discovered Description: Soil and groundwater sampled.
Discharge Source: Not reported
Discharge Cause: Other
Stop Method: Other Means
Stop Description: Sump removed.
No Further Action Date: Not reported
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 36-40%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: The site has had a release of the solvent trichloroethene (TCE) to soil and groundwater. A plume of contaminated groundwater containing TCE and its breakdown products has migrated offsite. A groundwater extraction and treatment system was operated at the site and the groundwater pollutant concentrations were significantly reduced.

[Click here to access the California GeoTracker records for this facility:](#)

CHMIRS:

Name: Not reported
Address: 2970 CORVIN
City,State,Zip: SANTA CLARA, CA 95051-0706
OES Incident Number: 804325
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 04-NOV-88
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 885570
Time Notified: 1205
Time Completed: 1254

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZEP MANUFACTURING COMPANY (Continued)

S100279160

Surrounding Area:	700
Estimated Temperature:	Not reported
Property Management:	P
More Than Two Substances Involved?:	N
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	2
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	JJS TANK LINES
Reporting Officer Name/ID:	PARKER / 15C-1
Report Date:	02-JAN-89
Facility Telephone:	408 984-3084
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	04-NOV-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Y
Description:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

99
NE
1/2-1
0.911 mi.
4809 ft.

EXCELICS SEMICONDUCTOR INC
2908 SCOTT BOULEVARD
SANTA CLARA, CA 95054

CA ENVIROSTOR **S103963631**
CA EMI **N/A**
CA WDS
CA CERS

Relative:
Lower
Actual:
42 ft.

ENVIROSTOR:
 Name: EXCELICS SEMICONDUCTOR, INC.
 Address: 2908 SCOTT BOULEVARD
 City,State,Zip: SANTA CLARA, CA 95051
 Facility ID: 71003744
 Status: Inactive - Needs Evaluation
 Status Date: 11/07/2013
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: 8.23
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Mark Piros
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.37464
 Longitude: -121.9613
 APN: 22444013
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: 22444013
 Alias Type: APN
 Alias Name: CAL000130942
 Alias Type: EPA Identification Number
 Alias Name: 71003744
 Alias Type: Envirostor ID Number

Completed Info:
 Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCELICS SEMICONDUCTOR INC (Continued)

S103963631

EMI:

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCELICS SEMICONDUCTOR INC (Continued)

S103963631

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2002
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2003
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.805

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCELICS SEMICONDUCTOR INC (Continued)

S103963631

Reactive Organic Gases Tons/Yr: 0.5896763
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2005
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .757
Reactive Organic Gases Tons/Yr: .5531098
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 950540000
Year: 2006
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.24
Reactive Organic Gases Tons/Yr: .9010856
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 913100000
Year: 2007
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCELICS SEMICONDUCTOR INC (Continued)

S103963631

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .538
Reactive Organic Gases Tons/Yr: .3945766
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Year: 2008
County Code: 43
Air Basin: SF
Facility ID: 10425
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .538
Reactive Organic Gases Tons/Yr: .3945766
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

WDS:

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 Scott Blvd
City: SANTA CLARA
Facility ID: San Francisco Bay 431017364
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 2
Facility Telephone: 4089708664
Facility Contact: KANG YANG
Agency Name: EXCELICS SEMICONDUCTOR INC
Agency Address: 2908 Scott Blvd
Agency City,St,Zip: Santa Clara 950543324
Agency Contact: KANG YANG
Agency Telephone: 4089708664
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCELICS SEMICONDUCTOR INC (Continued)

S103963631

Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name: EXCELICS SEMICONDUCTOR INC
Address: 2908 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054-3324
Site ID: 467040
CERS ID: 110021273281
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: KANG YANG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: BRIAN WUERFLEIN
Entity Title: SENIOR TECH
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

100
WNW
1/2-1
0.928 mi.
4898 ft.

BOISE CASCADE CORP
1290 KIFER
SUNNYVALE, CA 94086

CA ENVIROSTOR
CA LUST
CA CPS-SLIC
CA EMI
CA HIST CORTESE
CA CERS

S100930571
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
53 ft.

Name: BAY SHEETS, INC.
 Address: 1290 KIFER ROAD
 City,State,Zip: SUNNYVALE, CA 94086
 Facility ID: 71003013
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Berkeley
 Assembly: 24
 Senate: 13
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 37.37160
 Longitude: -121.9902
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD982352007
 Alias Type: EPA Identification Number
 Alias Name: 71003013
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

LUST:

Name: BOISE CASCADE
Address: 1290 KIFER RD
City,State,Zip: SUNNYVALE, CA 94086
Lead Agency: SANTA CLARA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500250
Global Id: T0608500250
Latitude: 37.3734483552174
Longitude: -121.989934444427
Status: Completed - Case Closed
Status Date: 01/17/1992
Case Worker: DEH
RB Case Number: Not reported
Local Agency: SANTA CLARA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 07/11/1985
Leak Reported Date: 07/15/1985
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/17/1992
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 31-35%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:

Global Id: T0608500250
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: DEH CASEWORKER
Organization Name: SANTA CLARA COUNTY LOP
Address: 1555 Berger Drive, Suite 300
City: SAN JOSE
Email: smp@deh.sccgov.org
Phone Number: 4089183400

Global Id: T0608500250
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0608500250
Action Type: REMEDIATION
Date: 07/11/1985
Action: Excavation

Global Id: T0608500250
Action Type: RESPONSE
Date: 03/10/1988
Action: Other Report / Document

Global Id: T0608500250
Action Type: ENFORCEMENT
Date: 01/17/1992
Action: Closure/No Further Action Letter

Global Id: T0608500250
Action Type: Other
Date: 07/15/1985
Action: Leak Reported

Global Id: T0608500250
Action Type: ENFORCEMENT
Date: 07/12/1989
Action: Notice of Responsibility - #40280

LUST:

Global Id: T0608500250
Status: Open - Case Begin Date
Status Date: 07/11/1985

Global Id: T0608500250
Status: Open - Site Assessment
Status Date: 07/11/1985

Global Id: T0608500250
Status: Open - Site Assessment
Status Date: 03/19/1990

Global Id: T0608500250
Status: Open - Verification Monitoring
Status Date: 06/07/1990

Global Id: T0608500250
Status: Completed - Case Closed
Status Date: 01/17/1992

CPS-SLIC:

Name: FORMER BAY SHEETS CARDBOARD MFG PLANT
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 94086

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/18/2005
Global Id: SL0608501927
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.372519
Longitude: -121.990041
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43S1022
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: * Petroleum - Waste oil, * Polychlorinated Biphenyl (PCBs)
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/12/2005
Leak Reported Date: 01/02/1965
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/18/2005
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 31-35%
CA Enviroscreen 4 Score: 35-40%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

EMI:

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 1997
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 1998
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: BAY SHEETS, INC
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 940865304
Year: 2002
County Code: 43
Air Basin: SF
Facility ID: 7200
Air District Name: BA
SIC Code: 2653
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HIST CORTESE:

edr_fname: BOISE CASCADE CORP
edr_fadd1: 1290 KIFER
City,State,Zip: SUNNYVALE, CA 94086
Region: CORTESE
Facility County Code: 43
Reg By: LTNKA
Reg Id: 43-0186

CERS:

Name: BOISE CASCADE
Address: 1290 KIFER RD
City,State,Zip: SUNNYVALE, CA 94086
Site ID: 242734
CERS ID: T0608500250
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BOISE CASCADE CORP (Continued)

S100930571

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DEH CASEWORKER - SANTA CLARA COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1555 Berger Drive, Suite 300
Affiliation City: SAN JOSE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 4089183400,

Name: FORMER BAY SHEETS CARDBOARD MFG PLANT
Address: 1290 KIFER ROAD
City,State,Zip: SUNNYVALE, CA 94086
Site ID: 188357
CERS ID: SL0608501927
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

X101 **TELEDYNE WIRELESS INC**
NNE **3251 OLCOTT ST**
1/2-1 **SANTA CLARA, CA 94054**
0.952 mi.
5025 ft. **Site 1 of 2 in cluster X**
Relative:
Lower
Actual:
33 ft.

SEMS-ARCHIVE **1000245627**
CORRACTS **CAT000625392**
RCRA-SQG
FINDS
ECHO
CA EMI
CA HWP
RI MANIFEST
CA CERS

SEMS Archive:
Site ID: 0900226
EPA ID: CAT000625392
Name: VARIAN ASSOC SOLID STATE MICROWAVE DIV
Address: 3251 OLCOTT ST
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 95050
Cong District: 13
FIPS Code: 06085
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 09
Site ID: 0900226
EPA ID: CAT000625392
Site Name: VARIAN ASSOC SOLID STATE MICROWAVE DIV
NPL: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0900226
EPA ID: CAT000625392
Site Name: VARIAN ASSOC SOLID STATE MICROWAVE DIV
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-09-09 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900226
EPA ID: CAT000625392
Site Name: VARIAN ASSOC SOLID STATE MICROWAVE DIV
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-04-01 05:00:00
Finish Date: 1991-04-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

Name: TELEDYNE WIRELESS INC
Address: 3251 OLCOTT ST
Address 2: Not reported
EPA ID: CAT000625392
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19910906
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA Listings:

Date Form Received by Agency: 20040108

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MAP FINDINGS

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EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Handler Name:	Teledyne Wireless Inc
Handler Address:	3251 OLCOTT ST
Handler City,State,Zip:	SANTA CLARA, CA 94054
EPA ID:	CAT000625392
Contact Name:	GEORGE D MATEJEK
Contact Address:	1274 TERRA BELLA AVE
Contact City,State,Zip:	MOUNTAIN VIEW, CA 94043
Contact Telephone:	408-562-2825
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1274 TERRA BELLA AVE
Mailing City,State,Zip:	MOUNTAIN VIEW, CA 94043
Owner Name:	Teledyne Wireless Inc
Owner Type:	Private
Operator Name:	Teledyne Wireless Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

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TELEDYNE WIRELESS INC (Continued)

1000245627

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20040209
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	P098
Waste Description:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code:	P121
Waste Description:	ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Handler - Owner Operator:
 Owner/Operator Indicator:

Operator

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TELEDYNE WIRELESS INC (Continued)

1000245627

Owner/Operator Name: VARIAN ASSOCIATES INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 611 HANSEN WAY
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 415-493-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOLID STATE FILTRONIC INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3251 OLCOTT ST
Owner/Operator City,State,Zip: SANTA CLARA, CA 95054
Owner/Operator Telephone: 408-988-1331
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TELEDYNE WIRELESS INC
Legal Status: Private
Date Became Current: 20040101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TELEDYNE WIRELESS INC
Legal Status: Private
Date Became Current: 20040101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: FILTRONIC SOLID STATE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

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EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19981009
Handler Name:	FILTRONIC SOLID STATE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20040108
Handler Name:	TELEDYNE WIRELESS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920229
Handler Name:	LITTON SOLID STATE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940329
Handler Name:	LITTON SOLID STATE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960322

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Handler Name: LITTON SOLID STATE DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: LITTON SOLID STATE DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334413
NAICS Description: SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

NAICS Code: 334418
NAICS Description: PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING

NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

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EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930715
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930324
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930715
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930324
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

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EDR ID Number
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TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 112700
Final Monetary Amount: 61500
Paid Amount: 61500
Final Count: 1
Final Amount: 61500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

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EDR ID Number
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TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

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TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

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TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930715
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930324
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

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TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19911022
Actual Return to Compliance Date: 19921209
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930324
Enforcement Identifier: 001
Date of Enforcement Action: 19930211
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19950810
Actual Return to Compliance Date:	19950918
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19950810
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19950810
Actual Return to Compliance Date: 19950911
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950810
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930324
Enforcement Identifier: 001
Date of Enforcement Action: 19930211
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 112700
Final Monetary Amount: 61500
Paid Amount: 61500
Final Count: 1
Final Amount: 61500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911022
Actual Return to Compliance Date: 19921209
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19930211
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19921113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 19950810
Actual Return to Compliance Date: 19950921
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950810
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	19921109
Actual Return to Compliance Date:	19930715
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19930324
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes

Map ID
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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19921113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 19950810
Actual Return to Compliance Date: 19950911
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19950810
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19911022
Actual Return to Compliance Date: 19921209
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19930211
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 112700
Final Monetary Amount: 61500
Paid Amount: 61500
Final Count: 1
Final Amount: 61500

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19921109
Actual Return to Compliance Date: 19930715
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19930324
Enforcement Identifier: 001
Date of Enforcement Action: 19930211
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 112700
Final Monetary Amount: 61500
Paid Amount: 61500
Final Count: 1
Final Amount: 61500

Found Violation: Yes

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890725
Actual Return to Compliance Date:	19891016
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19891010
Enforcement Identifier:	001
Date of Enforcement Action:	19890906
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	19911022
Actual Return to Compliance Date:	19921209
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19930211
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

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EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	112700
Final Monetary Amount:	61500
Paid Amount:	61500
Final Count:	1
Final Amount:	61500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940405
Actual Return to Compliance Date:	19940421
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Evaluation Action Summary:

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910530
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19921209
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: 19930324
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: 19930324
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	19930324
Date of Request:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	19930324
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950725

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950918
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950725
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19950911
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910530
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19921209
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported

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EDR ID Number
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TELEDYNE WIRELESS INC (Continued)

1000245627

Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: 19930324
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910530
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19921209
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910530
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19921209
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19950725
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950921
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

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EDR ID Number
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TELEDYNE WIRELESS INC (Continued)

1000245627

Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	19930324
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920929
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930715
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910802
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950725
Evaluation Responsible Agency:	State
Found Violation:	Yes

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EDR ID Number
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TELEDYNE WIRELESS INC (Continued)

1000245627

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19950911
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910530
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19921209
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920929
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930715
Scheduled Compliance Date: 19930324
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19890725
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19891016
Scheduled Compliance Date: 19891010
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910530
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19921209
Scheduled Compliance Date: Not reported

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940405
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940421
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110000786070

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000245627
Registry ID:	110000786070
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000786070
Name:	FILTRONIC SOLID STATE
Address:	3251 OLCOTT STREET
City,State,Zip:	SANTA CLARA, CA 95054

EMI:

Name:	LITTON SOLID STATE DIV
Address:	3251 OLCOTT STREET
City,State,Zip:	SANTA CLARA, CA 950500000
Year:	1990
County Code:	43
Air Basin:	SF
Facility ID:	6324
Air District Name:	BA
SIC Code:	3674

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: LITTON SOLID STATE DIV
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 1995
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: LITTON SOLID STATE DIV
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 1996
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: LITTON SOLID STATE DIV
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 1997
County Code: 43
Air Basin: SF

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Facility ID: 6324
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: FILTRONIC SOLID STATE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 1998
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3674
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: FILTRONIC SOLID STATE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 1999
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: FILTRONIC SOLID STATE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Year: 2000
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: FILTRONIC SOLID STATE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 2001
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TELEDYNE MICROWAVE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 2002
County Code: 43
Air Basin: SF
Facility ID: 6324
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Name: TELEDYNE WIRELESS, INC
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 2003
County Code: 43
Air Basin: SF
Facility ID: 15867
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TELEDYNE WIRELESS, INC
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 950500000
Year: 2004
County Code: 43
Air Basin: SF
Facility ID: 15867
Air District Name: BA
SIC Code: 3679
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.519
Reactive Organic Gases Tons/Yr: 0.6076
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HWP:

EPA ID: CAT000625392
Name: FILTRONIC COMPOUND SEMICONDUCTORS, INC.
Address: 3251 OLCOTT ST
Cleanup Status: CLOSED
Latitude: 37.38048
Longitude: -121.9660
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 10
Assembly District: 25
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Not reported
Project Manager Lead: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 76-80%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:
EPA ID: CAT000625392
Facility Type: Historical - Non-Operating
Facility Name: FILTRONIC COMPOUND SEMICONDUCTORS, INC.
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: Unit 1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 08/22/1997

Alias:
EPA ID: CAT000625392
Facility Type: Historical - Non-Operating
Facility Name: FILTRONIC COMPOUND SEMICONDUCTORS, INC.
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110018987952

RI MANIFEST:
Name: Not reported
Address: 3251 OLCOTT STREET
City, State, Zip: SANTA CLARA, CA 95054-3095
EPA Id: CAT000625392
GEN Cert Date: 2/25/2002
Manifest Document Number: RIH0017126
Waste Description: CYANIDE
TSDf Id: RID059735761
TSDf Name: ADVANCED CHEMICAL CO INC
Qty: 25
WT/Vol Units: G
TSDf Date: Not reported
Transporter 2 Id: Not reported
Item Number: 1
Transporter 2 Name: Not reported
Transporter Name 2: HAZMAT ENV GROUP INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Transporter EPAID:	NYD980769947
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	Not reported
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Fee Exempt Code:	Not reported
Comment:	Not reported
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
Quarter:	Not reported
Transporter Contact Name:	Not reported
Transporter Contact Email:	Not reported
Filing Date:	Not reported
Total Fee:	Not reported
Billing Name:	Not reported
Paid Date:	Not reported
Paid Time:	Not reported
Facility Receipt Date:	Not reported
Fee:	Not reported
Manifest Created Date:	Not reported
Manifest Updated Date:	Not reported
RI MANIFEST:	
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	Not reported
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDf Name:	ADVANCED CHEMICAL CO INC
TSDf Id:	RID059735761
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	CAT000625392
Manifest Docket Number:	RIH0017126
Quarter:	Not reported
Waste Description:	CYANIDE
Transporter Contact Name:	Not reported
Quantity:	25
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	HAZMAT ENV GROUP INC
Billing Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Transporter EPA ID:	NYD980769947
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/25/2002
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDf Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	Not reported
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDf Name:	ADVANCED CHEMICAL CO INC
TSDf Id:	RID059735761
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	CAT000625392
Manifest Docket Number:	RIH0017126
Quarter:	Not reported
Waste Description:	IODINE/POT
Transporter Contact Name:	Not reported
Quantity:	5
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	2
Transporter Name:	HAZMAT ENV GROUP INC
Billing Name:	Not reported
Transporter EPA ID:	NYD980769947
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/25/2002
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSDf Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSD Name:	ADVANCED CHEMICAL CO INC
TSD ID:	RID059735761
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	CAT000625392
Manifest Docket Number:	RIH0017126
Quarter:	Not reported
Waste Description:	CYANIDE
Transporter Contact Name:	Not reported
Quantity:	25
Transporter Contact Email:	Not reported
WT/Vol Units:	G
Filing Date:	Not reported
Total Fee:	Not reported
Item Number:	1
Transporter Name:	HAZMAT ENV GROUP INC
Billing Name:	Not reported
Transporter EPA ID:	NYD980769947
Date Paid:	Not reported
Time Paid:	Not reported
GEN Cert Date:	2/25/2002
Facility Receipt Date:	Not reported
Fee:	Not reported
Transporter 2 Receipt Date:	Not reported
Manifest Created Date:	Not reported
TSD Receipt Date:	Not reported
Transporter 2 ID:	Not reported
Manifest Updated Date:	Not reported
Transporter Receipt Date:	Not reported
Number Of Containers:	0
Container Type:	Not reported
Waste Code1:	Not reported
Waste Code2:	Not reported
Waste Code3:	Not reported
Waste Code4:	Not reported
Waste Code5:	Not reported
Waste Code6:	Not reported
Comment:	Not reported
Fee Exempt Code:	Not reported
TSD Name:	ADVANCED CHEMICAL CO INC
TSD ID:	RID059735761
Transporter Name 2:	Not reported
Company Permit Number:	Not reported
Year:	Not reported
EPA ID:	CAT000625392
Manifest Docket Number:	RIH0017126
Quarter:	Not reported
Waste Description:	IODINE/POT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TELEDYNE WIRELESS INC (Continued)

1000245627

Transporter Contact Name: Not reported
Quantity: 5
Transporter Contact Email: Not reported
WT/Vol Units: G
Filing Date: Not reported
Total Fee: Not reported
Item Number: 2
Transporter Name: HAZMAT ENV GROUP INC
Billing Name: Not reported
Transporter EPA ID: NYD980769947
Date Paid: Not reported
Time Paid: Not reported
GEN Cert Date: 2/25/2002
Facility Receipt Date: Not reported
Fee: Not reported
Transporter 2 Receipt Date: Not reported
Manifest Created Date: Not reported
TSDf Receipt Date: Not reported
Transporter 2 ID: Not reported
Manifest Updated Date: Not reported

CERS:

Name: FILTRONIC SOLID STATE
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 95054-3006
Site ID: 467970
CERS ID: 110000786070
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: GEORGE D MATEJEK
Entity Title: Not reported
Affiliation Address: 1274 TERRA BELLA AVE
Affiliation City: MTVIEW
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

X102
NNE
1/2-1
0.952 mi.
5025 ft.

FILTRONIC COMPOUND SEMICONDUCTORS, INC.
3251 OLCOTT ST
SANTA CLARA, CA 95054

CA ENVIROSTOR **U001601929**
CA HIST UST **N/A**

Site 2 of 2 in cluster X

Relative:
Lower
Actual:
33 ft.

ENVIROSTOR:
Name: FILTRONIC COMPOUND SEMICONDUCTORS, INC.
Address: 3251 OLCOTT ST
City,State,Zip: SANTA CLARA, CA 950543006
Facility ID: 80001810
Status: Inactive - Needs Evaluation
Status Date: 06/29/2009
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILTRONIC COMPOUND SEMICONDUCTORS, INC. (Continued)

U001601929

Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.38048
Longitude: -121.9660
APN: 224-47-018
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 224-47-018
Alias Type: APN
Alias Name: CAT000625392
Alias Type: EPA Identification Number
Alias Name: 110018987952
Alias Type: EPA (FRS #)
Alias Name: 80001810
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 09/06/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/07/1993
Comments: Varian submitted to DTSC on September 7, 1993 a letter with documentation intended to demonstrate that they used less than 1,000 pounds of acids on a monthly basis during their occupancy of the site. Varian submitted this documentation to support their argument that they should not have to pay fees for the facility based on the quantity of acids used and the quantity of discharge from their acid neutralization system. Included with the letter are four attachments with the amounts of acids stored, their waste water reports, off-site shipments of corrosive wastes, and their rinse water pH calculations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/18/1991
Comments: Varian submitted to the U.S. Environmental Protection Agency a request to transfer their EPA ID No. CAT000625392 for the facility located at 3251 Olcott St to Litton, Solid State Division following the sale of the facility on February 25, 1991. Varian requested that

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILTRONIC COMPOUND SEMICONDUCTORS, INC. (Continued)

U001601929

their name be removed from the registration for the facility, and stated that they no longer assumed any responsibility for operations at the site. Varian indicated that Litton would submit a request for transfer as well. A copy of the request from Litton is not available in DTSC's file. There is not a copy of a response from U.S. EPA in DTSC's file.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/11/1984
Comments: The Department of Health Services, Toxic Substances Control Division (DHS) sent a letter responding to the request from a variance from Varian Associates, Inc. Solid State Microwave Division (Varian) for a variance from the Hazardous Waste Permit requirements and to revoke their Interim Status Document (ISD). Varian made the request because they no longer stored wastes for more than 90 days at the facility. DHS denied the variance request, stating that there was concern over possible leakage of the contents of the sumps used for wastewater neutralization. DHS did indicate that they would modify Varian's ISD to reflect that they were not storing hazardous waste for more than 90 days. A copy of the Varian's request for a variance and to revoke the the ISD, reportedly made on May 6, 1983, could not be found in DTSC's file.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/22/1987
Comments: The Department of Health Services, Toxic Substances Control Division provided comments on the letter from Varian Solid State Microwave Division, dated November 9, 1987, in which Varian responded to a Report of Violations issued to the Varian facility located at 3251 Olcott Street. Copies of the Report of Violations and Varian's November 9, 1987 response letter are not available in DTSC's file.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/30/1981
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/1980
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILTRONIC COMPOUND SEMICONDUCTORS, INC. (Continued)

U001601929

Name: FILTRONIC SOLID STATE (FSS), SOLID STATE DIVISION
Address: 3251 OLCOTT STREET
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 71003508
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.38039
Longitude: -121.9659
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT000625392
Alias Type: EPA Identification Number
Alias Name: 110018987952
Alias Type: EPA (FRS #)
Alias Name: 71003508
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

Name: VARIAN ASSOCIATES SOLID STATE
Address: 3251 OLCOTT ST
City,State,Zip: SANTA CLARA, CA 95054

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FILTRONIC COMPOUND SEMICONDUCTORS, INC. (Continued)

U001601929

File Number: Not reported
 URL: Not reported
 Region: STATE
 Facility ID: 00000020396
 Facility Type: Other
 Other Type: SEMICONDUCTOR MFG.
 Contact Name: CARL GUNDERSEN
 Telephone: 4089881331
 Owner Name: VARIAN ASSOCIATES, INC.
 Owner Address: 611 HANSEN WAY
 Owner City,St,Zip: PALO ALTO, CA 94303
 Total Tanks: 0002

Tank Num: 001
 Container Num: 1
 Year Installed: 1979
 Tank Capacity: 00000500
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 1/2
 Leak Detection: None

Tank Num: 002
 Container Num: 2
 Year Installed: 1982
 Tank Capacity: 00000150
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 1/8
 Leak Detection: None

Y103 EXCEL CIRCUITS
East 1415 RICHARD AVENUE
1/2-1 SANTA CLARA, CA 95050
0.957 mi.
5052 ft. Site 1 of 3 in cluster Y

CA ENVIROSTOR S100275227
CA CHMIRS N/A

Relative: ENVIROSTOR:
Lower Name: EXCEL CIRCUITS
Actual: Address: 1415 RICHARD AVENUE
52 ft. City,State,Zip: SANTA CLARA, CA 95050
 Facility ID: 71002821
 Status: Inactive - Needs Evaluation
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Not reported
 Restricted Use: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCEL CIRCUITS (Continued)

S100275227

Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36511
Longitude: -121.9554
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981410871
Alias Type: EPA Identification Number
Alias Name: 71002821
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CHMIRS:

Name: Not reported
Address: 1415 RICHARD
City,State,Zip: SANTA CLARA, CA 95050
OES Incident Number: 909266
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 06-DEC-89
Property Use: 700
Agency Id Number: 43090
Agency Incident Number: 896408
Time Notified: 947
Time Completed: 1224
Surrounding Area: 700
Estimated Temperature: 60
Property Management: P
More Than Two Substances Involved?: N
Resp Agency Personel # Of Decontaminated: 0
Responding Agency Personel # Of Injuries: 0
Responding Agency Personel # Of Fatalities: 0
Others Number Of Decontaminated: 0
Others Number Of Injuries: 0
Others Number Of Fatalities: 0
Vehicle Make/year: Not reported
Vehicle License Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCEL CIRCUITS (Continued)

S100275227

Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: JOHN SIGNORINO/15K4
Report Date: 13-DEC-89
Facility Telephone: 408 984-3084
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: 06-DEC-89
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: 24-MAY-90
Substance: Not reported
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: Not reported

104
South
1/2-1
0.959 mi.
5062 ft.

LOMBARDI SHELL SERVICE
2540 EL CAMINO REAL
SANTA CLARA, CA 93107

CA Notify 65 U000059988
N/A

Relative:
Higher
Actual:
78 ft.

NOTIFY 65:
Name: LOMBARDI SHELL SERVICE
Address: 2540 EL CAMINO REAL
City,State,Zip: SANTA CLARA, CA 93107
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOMBARDI SHELL SERVICE (Continued)

U000059988

Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

**105
NE
1/2-1
0.961 mi.
5074 ft.**

**VARIAN ASSOCIAT CS/ VACUUM PROD
3100 JAY STREET
SANTA CLARA, CA 95054**

**CA ENVIROSTOR
CA CPS-SLIC
CA HIST UST
CA Cortese
CA ENF
CA HIST CORTESE
CA HWP
CA CIWQS
CA CERS**

**S101542372
N/A**

**Relative:
Lower**

**Actual:
36 ft.**

ENVIROSTOR:

Name: VARIAN ASSOCIATES
Address: 3100 JAY STREET
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 43480001
Status: Refer: RWQCB
Status Date: 03/31/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37858
Longitude: -121.9617
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT000617605
Alias Type: EPA Identification Number
Alias Name: 43480001
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/01/1991
Comments: EPA completed Preliminary Assessment and recommend NFA; DTSC needs to determine site status. Site Screening. In 1980, Granger Associates, a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

tele- communications equipment manufacturer, became the first tenant of this fully fenced facility comprised of 3 buildings, with a total area of 78,870 sq. ft. Between 1980 and 1985, Varian relocated. Granger continued its operation until 1990 when Digital Switch Communication Corp. (DSC) bought them out. While information about Granger's process and waste management is not available, Varian used hydrochloric & nitric acid, caustic soda, & trichloroethane (TCE), and Granger used freon-113, butyl hethyl alcohol in their respective processes. Both have historically stored their waste at site for periodic transportation and disposal by specialty contractors. However, several accidental spillages have been recorded. Such spillages and probable leakage from a subsurface containment sump account for the detection of TCA, TCE, & PCE, along with various metals in soils groundwater at site. The site is underlain by two aquifers of which the lower is used for drinking water.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: VARIAN ASSOCIATES INC
Address: 3100 JAY ST
City,State,Zip: SANTA CLARA, CA 950500000
Facility ID: 80001797
Status: Refer: RWQCB
Status Date: 11/27/2013
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 11.29
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.37833
Longitude: -121.9621
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAT000617605
Alias Type: EPA Identification Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

Alias Name: 43480001
Alias Type: Envirostor ID Number
Alias Name: 80001797
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/13/1991
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: VARIAN - JAY ST
Address: 3100 JAY ST
City,State,Zip: SANTA CLARA, CA 95054
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/01/2005
Global Id: SL18202582
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.377471
Longitude: -121.960856
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S0173
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, * *
CIS-1,2-DICHLOROETHYLENE
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 03/01/1986
Leak Reported Date: 01/02/1965
How Discovered: * UNK
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/01/2005
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

Disadvantaged Community: Not reported
CA EnviroScreen 3 Score: 76-80%
CA EnviroScreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

Name: VARIAN ASSOCIAT CS/ VACUUM PROD
Address: 3100 JAY STREET
City,State,Zip: SANTA CLARA, CA 95054
File Number: 00020a71
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00020a71.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

CORTESE:

Name: 3100 JAY STREET, VARIAN
Address: 3100 JAY
City,State,Zip: SANTA CLARA, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438190N02
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: 3100 JAY STREET, VARIAN
Address: 3100 JAY
City,State,Zip: SANTA CLARA, CA
Region: 2
Facility Id: 202364
Agency Name: Varian Inc
Place Type: Facility
Place Subtype: Groundwater Cleanup Site
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.38167
Place Longitude: -121.96528
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 438190N02
Reg Measure Id: 162443
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 223061
Region: 2
Order / Resolution Number: 95-016
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 01/18/1995
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438190N02
Description: SCR-
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-VARIAN-3100 JAY STREE
edr_fadd1: 3100 JAY
City,State,Zip: SANTA CLARA, CA 95050
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438190N02

HWP:

EPA ID: CAT000617605
Name: VARIAN ASSOCIATES INC
Address: 3100 JAY ST
Cleanup Status: CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

Latitude: 37.37833
Longitude: -121.9621
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 10
Assembly District: 25
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Varian Associates Inc received interim status on 03/30/1983 but later applied for a variance on 01/14/1984 for their neutralization tank. The variance was granted on 02/20/1985 and they converted to a generator only facility.

Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 76-80%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:
EPA ID: CAT000617605
Facility Type: Historical - Non-Operating
Facility Name: VARIAN ASSOCIATES INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: RCRA
Title Description: Closure Administrative
Due Date: Not reported
Comments: Variance granted on 02/20/1985 and converted to a generator only facility.

Unit Names: Unit 1
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 12/27/2019

Alias:
EPA ID: CAT000617605
Facility Type: Historical - Non-Operating
Facility Name: VARIAN ASSOCIATES INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Envirostor ID Number
Alias: 43480001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VARIAN ASSOCIAT CS/ VACUUM PROD (Continued)

S101542372

CIWQS:

Name: 3100 JAY STREET, VARIAN
Address: 3100 JAY
City,State,Zip: SANTA CLARA, CA 95052
Agency: Varian Inc
Agency Address: 3120 Hansen Way D218, Palo Alto, CA 94304
Place/Project Type: Groundwater Cleanup Site
SIC/NAICS: 3674
Region: 2
Program: NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: NPDES Permit
Order Number: 97-03803
WDID: 2 438190001
NPDES Number: CAG912003
Adoption Date: 03/19/1997
Effective Date: 03/19/1997
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: 0.01008
Major/Minor: Major, Minor
Complexity: A
TTWQ: 3
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.38167
Longitude: -121.96528

CERS:

Name: 3100 JAY STREET, VARIAN
Address: 3100 JAY
City,State,Zip: SANTA CLARA, CA 95052
Site ID: 348336
CERS ID: 202364
CERS Description: NPDES Wastewater and Stormwater

Enforcement Action:

Site ID: 348336
Site Name: 3100 Jay Street, Varian
Site Address: 3100 JAY
Site City: SANTA CLARA
Site Zip: 95052
Enf Action Date: 01-18-1995
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106
NNW
1/2-1
0.962 mi.
5078 ft.

Relative:
Lower

Actual:
37 ft.

MPI-3333 SCOTT BLVD
3333 SCOTT
SANTA CLARA, CA 95054

CA ENVIROSTOR 1000726086
CA CPS-SLIC N/A
CA DEED
CA Cortese
CA ENF
CA HIST CORTESE
CA NPDES
CA CIWQS
CA CERS

ENVIROSTOR:

Name: MAGNETIC PERIPHERALS INC
Address: 3333 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 43360113
Status: Refer: RWQCB
Status Date: 04/11/1991
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.38208
Longitude: -121.9813
APN: 216-31-080
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 216-31-080
Alias Type: APN
Alias Name: CAD085304020
Alias Type: EPA Identification Number
Alias Name: 110018947988
Alias Type: EPA (FRS #)
Alias Name: 43360113
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/25/1989
Comments: FACILITY IDENTIFIED IDENTIFIED VIA FIT SSI REPORT

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/19/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Comments: SITE SCREENING DONE THIS 30 ACRE SITE IS IN A CITY BLOCK IT HAS A HISTORY OF STORAGE USE AND ON- SITE DISPOSAL OF SOLVENTS; E.G. TCE, 1-2 DCE & FREON-113. GROUND WATER IS CONTAMINATED WITH SOLVENTS. A PUMP AND TREAT SYSTEM IS OPERATING AT THE SITE. GROUND WATER HAS A HIGH TARGET POP- ULATION. EPA HAS RECOMMENDED MEDIUM SSI FOR THE SITES POTENTIAL OF HRS SCORE AND INCLUSION IN NPL.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: UNISYS CORP
Address: 3333 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/13/2006
Global Id: SL18234652
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.381309065684
Longitude: -121.982574462891
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S0072
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: * * CIS-1,2-DICHLOROETHYLENE
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 08/18/1986
Leak Reported Date: 01/02/1965
How Discovered: * UNK
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/13/2006
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Name: MENLO EQUITIES
Address: 3333 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/04/2012
Global Id: T10000003469
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.38144
Longitude: -121.982245
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 43S1145
File Location: Regional Board
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 01/04/2012
Leak Reported Date: Not reported
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 01/04/2012
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)

Site History: The 30.2 -acre Site is currently vacant land with no structures. Paved parking areas on the southern and southeastern portion comprise approx. 6.75 acres. The remaining 23.45 acres are grass-covered, with well-maintained landscaped grass areas along the south side. Developed for agricultural use including orchards since as far back as 1937 until about 1977-78 when the Site was developed with a large commercial/industrial structure and occupied by Sperry Corp. (Sperry) from 1978-1983. Magnetic Peripherals, Inc. (MPI) took over operations from Sperry in 1983. The Site was used for the assembly of computer disk drives until 1986 and has been vacant of tenants since that time. The Site changed ownership several times due to business acquisitions, until approximately 1994 when Applied Materials, Inc. (Applied) purchased the Site. At that time it was occupied by a large manufacturing/commercial building occupying 410,000 square feet of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

land and surrounded by parking lots and landscaping. In 1983, VOCs including trichloroethene (TCE) and Freon-113 were detected in groundwater in the vicinity of the former chemical storage; 1,1,1-trichloroethane (TCA), TCE, Freon-113, chloroform and methyl-ethyl ketone (MEK) were also detected in groundwater in the vicinity of the former Mendocino Tank Farm. Integrity testing of the underground piping indicated fluid loss in the pipe draining the former chemical storage building. In 1985 and 1986, the USTs and piping were removed. No sources of contamination were identified during removal of the USTs. Historically, three VOC groundwater plumes were associated with the Site. A narrow TCE plume (up to 40 g/L) extending from the vicinity of the chemical storage area to the northwest corner of the main building. A wider cis-1,2-dichloroethene (DCE) plume (100 to 300 g/L) on the north side of the main building extending up-gradient beneath the former building and downgradient to the northern property boundary. A Freon-113 plume (less than 1,200 g/L) extending from the former chemical storage building to the northern property boundary and beyond. Approximately 34 groundwater monitoring wells were installed between 1983 and 2003; a groundwater extraction and treatment system operated from August 1986 to May 1994, removing approximately 86 million gallons of groundwater and approximately 157 pounds of VOCs. The groundwater extraction system was discontinued with regulatory approval in 1994 because the remediation system was no longer cost effective. In 1993, the RWQCB issued Order No. 93-163 (1993 Order) for the Site. The soil and groundwater samples showed no detectable concentrations of VOCs except methylene chloride in two soil samples at concentrations up to 0.0064 milligrams per kilogram (mg/kg); methylene chloride is a typical laboratory contaminant. In addition, Freon was detected in groundwater at concentrations up to 75 g/L, which is below State of California action levels. In 1995, Applied demolished the improvements at the Site, and eleven additional wells were sealed and destroyed with concurrence of the RWQCB. As required by Task 5 of the 1993 Order, Applied investigated potential sources of soil and groundwater contamination beneath and adjacent to the former on-site building. Prior investigations have indicated no evidence of residual VOCs above regulatory screening levels in the soils underlying the Site. Thirty-two soil samples were collected from a total of 38 test pit excavations near the former Mendocino Tank Farm and chemical storage spill containment tank both beneath and adjacent to the former building (Table 1, Figure 2). In addition, a total of 23 grabgroundwater samples were collected to further delineate the extent of the cis-1,2-DCE groundwater plume. Unisys concluded that residual concentrations of VOCs (i.e. TCE and 1,2-DCE) do not exist in soils underlying the Site in concentrations greater than the laboratory method detection limit of 0.005 mg/kg and do not suggest that sources of VOCs remain in soil. Details are presented in Unisys Post-Demolition Investigation Report, dated July 20, 1995. In 2005, the RWQCB issued Order No. R2-2005-0027, Rescission of Site Cleanup Requirements Order No. 93-163 (2005 Order). The 2005 Order stated that the groundwater extraction system reduced groundwater pollution to asymptotic levels. Subsequent monitoring showed no evidence of a rebound in VOC concentrations in groundwater. Risk management measures are noted as sufficient to protect human health and the environment in the future. A deed restriction had been recorded with the County of Santa Clara on May 9, 1994. This risk-management measure is noted as needing to be in place for an

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

indefinite period of time to assure protection of human health and the environment . The document indicates that natural processes will reduce concentrations of chemicals in groundwater to drinking water standards before groundwater may be needed for water supply purposes.

[Click here to access the California GeoTracker records for this facility:](#)

DEED:

Name: UNISYS CORP
Address: 3333 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA
Envirostor ID: SL18234652
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 05/09/1994
File Name: Geotracker Land Use/Deed Restrictions

CORTESE:

Name: MPI-3333 SCOTT BLVD
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Region: CORTESE
Envirostor Id: Not reported
Global ID: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Clean-up and Abatement Order
Swat R: Not reported
Flag: CORTESE
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: 2
WID Id: 2 438151N02
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Cease Desist Orders & Cleanup Abatement Orders

ENF:

Name: MPI-3333 SCOTT BLVD
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 241722
Agency Name: Unisys Corporation
Place Type: Facility
Place Subtype: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.380629
Place Longitude:	-121.980913
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438151N02
Reg Measure Id:	162901
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Direction/Voice: Passive
Enforcement Id(EID): 223160
Region: 2
Order / Resolution Number: 93-163
Enforcement Action Type: Clean-up and Abatement Order
Effective Date: 12/15/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 438151N02
Description: SCR-FINAL.
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: MPI-3333 SCOTT BLVD
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 241722
Agency Name: Unisys Corporation
Place Type: Facility
Place Subtype: Not reported
Facility Type: Industrial
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.380629
Place Longitude: -121.980913
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 438151N02
Reg Measure Id:	162901
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220064
Region:	2
Order / Resolution Number:	89-178
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/15/1989
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 438151N02
Description:	SITE CLNUP REQMTS.
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Name: UNISYS CORP
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 269061
Agency Name: Unisys Corporation
Place Type: Facility
Place Subtype: Groundwater Cleanup Site
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.380629
Place Longitude: -121.980913
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UNREGS
Program Category1: UNREGS
Program Category2: UNREGS
Of Programs: 1
WDID: 2 43S0072
Reg Measure Id: 169998
Reg Measure Type: Unregulated
Region: 2
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	248673
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	09/09/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 43S0072
Description:	Request to submit status report
Program:	UNREGS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	UNISYS CORP
Address:	3333 SCOTT
City,State,Zip:	SANTA CLARA, CA 95054
Region:	2
Facility Id:	269061
Agency Name:	Unisys Corporation
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.380629
Place Longitude:	-121.980913
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 43S0072
Reg Measure Id:	169998
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	246848
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	11/14/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 2 43S0072
Description:	Request for workplan to install new monitoring wells
Program:	UNREGS
Latest Milestone Completion Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	UNISYS CORP
Address:	3333 SCOTT
City,State,Zip:	SANTA CLARA, CA 95054
Region:	2
Facility Id:	269061
Agency Name:	Unisys Corporation
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.380629
Place Longitude:	-121.980913
SIC Code 1:	3674
SIC Desc 1:	Semiconductors and Related Devices
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 43S0072
Reg Measure Id:	169998
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/21/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 246563
Region: 2
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 12/27/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 43S0072
Description: request for monitoring well installation workplan
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: UNISYS CORP
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Region: 2
Facility Id: 269061
Agency Name: Unisys Corporation
Place Type: Facility
Place Subtype: Groundwater Cleanup Site
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.380629
Place Longitude: -121.980913
SIC Code 1: 3674
SIC Desc 1: Semiconductors and Related Devices

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 43S0072
Reg Measure Id:	169998
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	240177
Region:	2
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	02/21/2002
Adoption/Issuance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Active
Title: Enforcement - 2 43S0072
Description: Letter requesting a status report
Program: UNREGS
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: SCR-MPI-3333 SCOTT BLVD
edr_fadd1: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95051
Region: CORTESE
Facility County Code: 43
Reg By: WBC&D
Reg Id: 2 438151N02

NPDES:

Name: 3333 SCOTT BOULEVARD
Address: 3333 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43C363391
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 11/03/2017
Operator Name: Menlo Equities
Operator Address: 490 California Avenue 4th floor
Operator City: Palo Alto
Operator State: California

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Operator Zip: 94306
NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Terminated
Agency Number: 0
Region: 2
Regulatory Measure ID: 425043
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 2 43C363391
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/09/2012
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 11/03/2017
Discharge Name: Menlo Equities
Discharge Address: 490 California Avenue 4th floor
Discharge City: Palo Alto
Discharge State: California
Discharge Zip: 94306
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	425043
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 43C363391
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	03/21/2012
Processed Date:	04/09/2012
Status:	Active
Status Date:	04/09/2012
Place Size:	30.22
Place Size Unit:	Acres
Contact:	Kevin White
Contact Title:	Project Executive
Contact Phone:	408-942-8200
Contact Phone Ext:	Not reported
Contact Email:	kwhite@devcon-const.com
Operator Name:	Menlo Equities
Operator Address:	490 California Avenue 4th floor
Operator City:	Palo Alto
Operator State:	California
Operator Zip:	94306
Operator Contact:	Jane Vaughan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Operator Contact Title: Not reported
Operator Contact Phone: 650-289-1703
Operator Contact Phone Ext: Not reported
Operator Contact Email: vaughan@menloequities.com
Operator Type: Private Business
Developer: Menlo Equities
Developer Address: 490 California Avenue
Developer City: Palo Alto
Developer State: California
Developer Zip: 94306
Developer Contact: Jane Vaughan
Developer Contact Title: Not reported
Constype Linear Utility Ind: N
Emergency Phone: 408-210-6477
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Y
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Calabazas Creek
Certifier: Jane Vaughan
Certifier Title: Not reported
Certification Date: 21-MAR-12
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

CIWQS:

Name: MPI-3333 SCOTT BLVD
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Agency: Seagate Technology Inc
Agency Address: Po Box 66360, Scotts Valley, CA 95067-0360
Place/Project Type: Other
SIC/NAICS: 3674
Region: 2
Program: NPDESWW
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: 97-00803
WDID: 2 438151001
NPDES Number: Not reported
Adoption Date: 01/15/1997

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Effective Date: 01/15/1997
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.380629
Longitude: -121.980913

Name: UNISYS CORP
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Agency: Unisys Corporation
Agency Address: 3199 Pilot Knob Road F1bo5, Eagan, MN 55121
Place/Project Type: Groundwater Cleanup Site
SIC/NAICS: 3674
Region: 2
Program: NPDNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: Enrollee
Order Number: 94-087
WDID: 2 438151002
NPDES Number: CAG912003
Adoption Date: Not reported
Effective Date: 01/13/1997
Termination Date: 07/20/1999
Expiration/Review Date: Not reported
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.380629
Longitude: -121.980913

Name: 3333 SCOTT BOULEVARD
Address: 3333 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Agency: Menlo Equities
Agency Address: 490 California Avenue 4th floor, Palo Alto, CA 94306
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 43C363391
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 04/09/2012
Termination Date: 11/03/2017
Expiration/Review Date: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 37.381786
Longitude: -121.982321

CERS:

Name: UNISYS CORP
Address: 3333 SCOTT BLVD
City,State,Zip: SANTA CLARA, CA
Site ID: 257899
CERS ID: SL18234652
CERS Description: Cleanup Program Site

Name: MPI-3333 SCOTT BLVD
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 352022
CERS ID: 241721
CERS Description: NPDES Wastewater and Stormwater

Name: MENLO EQUITIES
Address: 3333 SCOTT BOULEVARD
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 243283
CERS ID: T10000003469
CERS Description: Cleanup Program Site

Name: UNISYS CORP
Address: 3333 SCOTT
City,State,Zip: SANTA CLARA, CA 95054
Site ID: 353826
CERS ID: 269061
CERS Description: NPDES Wastewater and Stormwater

Enforcement Action:

Site ID: 353826
Site Name: Unisys Corp
Site Address: 3333 SCOTT
Site City: SANTA CLARA
Site Zip: 95054
Enf Action Date: 02-21-2002
Enf Action Type: Enforcement Letter (Formal)
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS,

Site ID: 353826
Site Name: Unisys Corp
Site Address: 3333 SCOTT
Site City: SANTA CLARA

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MPI-3333 SCOTT BLVD (Continued)

1000726086

Site Zip: 95054
 Enf Action Date: 09-09-2002
 Enf Action Type: Enforcement Letter (Formal)
 Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
 Enf Action Notes: Not reported
 Enf Action Division: Water Boards
 Enf Action Program: UNSPEC
 Enf Action Source: CIWQS,

Site ID: 353826
 Site Name: Unisys Corp
 Site Address: 3333 SCOTT
 Site City: SANTA CLARA
 Site Zip: 95054
 Enf Action Date: 11-14-2002
 Enf Action Type: Enforcement Letter (Formal)
 Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
 Enf Action Notes: Not reported
 Enf Action Division: Water Boards
 Enf Action Program: UNSPEC
 Enf Action Source: CIWQS,

Site ID: 353826
 Site Name: Unisys Corp
 Site Address: 3333 SCOTT
 Site City: SANTA CLARA
 Site Zip: 95054
 Enf Action Date: 12-27-2002
 Enf Action Type: Enforcement Letter (Formal)
 Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
 Enf Action Notes: Not reported
 Enf Action Division: Water Boards
 Enf Action Program: UNSPEC
 Enf Action Source: CIWQS,

**107
 ESE
 1/2-1
 0.972 mi.
 5133 ft.**

**UNISYS RIGID MEDIA COMPONENTS DIVISION
 1500 MEMOREX DRIVE
 SANTA CLARA, CA 95050**

**CA ENVIROSTOR
 CA CPS-SLIC
 CA HIST UST
 CA CERS**

**U001601907
 N/A**

**Relative:
 Higher
 Actual:
 56 ft.**

ENVIROSTOR:
 Name: UNISYS RIGID MEDIA COMPONENTS DIVISION
 Address: 1500 MEMOREX DRIVE
 City,State,Zip: SANTA CLARA, CA 95050
 Facility ID: 43360097
 Status: Refer: RWQCB
 Status Date: 06/14/1994
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS RIGID MEDIA COMPONENTS DIVISION (Continued)

U001601907

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36294
Longitude: -121.9563
APN: 224-65-005
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * OXYGENATED SOLVENTS
* CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BURROUGHS AND SPERRY
Alias Type: Alternate Name
Alias Name: MEMOREX
Alias Type: Alternate Name
Alias Name: UNISYS RMCD
Alias Type: Alternate Name
Alias Name: 224-65-005
Alias Type: APN
Alias Name: CAD982400376
Alias Type: EPA Identification Number
Alias Name: 110013848505
Alias Type: EPA (FRS #)
Alias Name: 43360097
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/01/1988
Comments: SITE SCREENING DONE GROUND WATER CONTAMINATED WITH FREON 113 1-1, DCE, DCA, TCA AND PCE. SOILS CONTM WITH ACETONE, MEK, KEROSENE, FREON 113. FACILITY USED TO MANUFACTURE RIGID COMPUTER STORAGE DISKS FROM 1965 TO 1986

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: UNISYS
Address: 1500 MEMOREX DR
City,State,Zip: SANTA CLARA, CA 95052

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNISYS RIGID MEDIA COMPONENTS DIVISION (Continued)

U001601907

Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/01/1990
Global Id: T0608591752
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.3623
Longitude: -121.95292
Case Type: Cleanup Program Site
Case Worker: UUU
Local Agency: Not reported
RB Case Number: 43-1924
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: * Solvents
EPA Region: 9
Coordinate Source: Not reported
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 08/01/1990
Leak Reported Date: 08/01/1990
How Discovered: Not reported
How Discovered Description: Not reported
Discharge Source: Not reported
Discharge Cause: Not reported
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 08/01/1990
CA Water Watershed Name: Santa Clara - Palo Alto (205.50)
Dwr Groundwater Subbasin Name: Santa Clara Valley - Santa Clara (2-009.02)
Disadvantaged Community: Disadvantaged Community
CA EnviroScreen 3 Score: 76-80%
CA EnviroScreen 4 Score: 55-60%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

Name: REGID MEDIA AND COMPONENTS DIV
Address: 1500 MEMOREX DR
City,State,Zip: SANTA CLARA, CA 95052
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000051335
Facility Type: Other
Other Type: RIGID MEDIA & COMPON
Contact Name: Not reported
Telephone: 4089871138
Owner Name: MEMOREX CORPORATION
Owner Address: SAN TOMAS AT CENTRAL EXPRESSWA
Owner City,St,Zip: SANTA CLARA, CA 95052
Total Tanks: 0001

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNISYS RIGID MEDIA COMPONENTS DIVISION (Continued)

U001601907

Tank Num: 001
 Container Num: 1
 Year Installed: 1974
 Tank Capacity: 00003000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: Not reported
 Leak Detection: Groundwater Monitoring Well, Pressure Test

CERS:

Name: UNISYS
 Address: 1500 MEMOREX DR
 City,State,Zip: SANTA CLARA, CA 95052
 Site ID: 199609
 CERS ID: T0608591752
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Z108
North
1/2-1
0.973 mi.
5136 ft.

EQUITY OFFICE PROPERTIES INC
2620 AUGUSTINE DR
SANTA CLARA, CA 95054

CA ENVIROSTOR
CA VCP
CA DEED
CA HAZNET
CA HWTS

S112986144
N/A

Site 1 of 2 in cluster Z

Relative:
Lower
Actual:
34 ft.

ENVIROSTOR:
 Name: SANTA CLARA SQUARE RETAIL
 Address: 2620 AUGUSTINE DRIVE
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 60001968
 Status: Certified / Operation & Maintenance
 Status Date: 09/17/2019
 Site Code: 201996
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Agreement
 Acres: 14
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Nicole Yuen
 Supervisor: Marikka Hughes
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Voluntary Agreement - CLRRRA
 Restricted Use: YES
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Latitude: 37.38175
Longitude: -121.9746
APN: 21645011, 21645014, 21645019, 21645027, 21645028
Past Use: AGRICULTURAL - ORCHARD, OFFICE BUILDING
Potential COC: Arsenic DDD DDE Lead TPH-diesel TPH-MOTOR OIL Dieldrin
Confirmed COC: Arsenic DDD DDE Lead TPH-diesel Dieldrin TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 21645011
Alias Type: APN
Alias Name: 21645014
Alias Type: APN
Alias Name: 21645019
Alias Type: APN
Alias Name: 21645027
Alias Type: APN
Alias Name: 21645028
Alias Type: APN
Alias Name: 201996
Alias Type: Project Code (Site Code)
Alias Name: 60001968
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/14/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 01/05/2018
Comments: The Long-Term Operation and Maintenance Plan describes the soil management procedures if impacted soil is disturbed in the three consolidation cells and the tree protection zone, which consists of a limited area surrounding a protected redwood tree. The Plan also discusses the annual inspection and reporting that is to be performed to verify compliance with the restrictions and requirements of the land use covenant and to ensure the integrity of the caps over the consolidation cells and tree protection zone.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2014
Comments: The Report includes the results of a soil characterization and pre-excavation confirmation sampling program that was conducted at the Site to document the nature and extent of soil exceeding the Response Plan remedial goals. A soil excavation plan to determine the volume of soil to be removed was developed based on the results of the soil characterization and pre-excavation confirmation sampling

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 10/06/2016
Comments: The Assignment and Assumption Agreement between Augustine Bowers 11 LLC, 3265 Scott Blvd LLC, and DTSC transfers a 2.6-acre portion of the Site so that it will be remediated under the California Land Reuse Revitalization Act Agreement and Response Plan for the Santa Clara Square Apartments project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/12/2014
Comments: The proponent submitted an application in August 2013 that included both the properties comprising the Santa Clara Retail Square site and the Santa Clara Technology Campus 1 site (SCTC 1) as one site. Later proponent decided to split the project into two sites. Therefore, the Memorandum of Agreement decision for SCTC 1 also applied to this site.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/25/2014
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots, or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Completed Document Type: Work Notice
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/19/2019
Comments: DTSC and Augustine Bowers II LLC executed a Land Use Covenant that was recorded with Santa Clara County. The Land Use Covenant restricts land use and activities within approximately 2 acres of the Site that is comprised of three soil consolidation cells within the asphalt parking area and the root zones of one protected redwood tree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 06/20/2014
Comments: DTSC and The Irvine Company LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/25/2014
Comments: Assignment and assumption agreement among The Irvine Company and Augustine Bowers 11 LLC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/17/2019
Comments: DTSC certified the completion of response actions at the Site on 9/17/2019. Annual inspection of the capped areas and the Tree Protection Zone are required by the restrictions outlined in the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year. Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for DTSC's oversight costs for the 2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/04/2021
Comments: Roux Associates submitted an annual land use covenant compliance report on behalf of Irvine Company. No violations of the LUC were observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/27/2019
Comments: DTSC and Augustine Bower II LLC, the site owner, entered into an Operation and Maintenance Agreement on August 27, 2019. The Agreement addresses long-term operation and maintenance activities associated with the asphalt caps covering the contaminated soil in three consolidation cells and a tree protection zone.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 07/25/2014
Comments: NOD filed on 7/28/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Completed Document Type: Removal Action Completion Report
Completed Date: 09/15/2016
Comments: The selected response action identified in the Response Plan is relocation and consolidation of impacted shallow soil on-site beneath a cap (paved parking lots, buildings, or 2 feet of clean soil in landscaped areas) and recordation of a land use covenant. When the Response Plan was implemented, the consolidation was limited to paved parking lots, and excess soil that could not be placed below the parking lots was disposed at off-site permitted landfills. Impacted soil, inaccessible in a limited area surrounding a protected redwood tree, was left in-place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/03/2020
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: SANTA CLARA SQUARE RETAIL
Address: 2620 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60001968
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 14
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nicole Yuen
Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Site Code: 201996
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Agreement - CLRRRA
Status: Certified / Operation & Maintenance
Status Date: 09/17/2019
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.38175 / -121.9746
APN: 21645011, 21645014, 21645019, 21645027, 21645028
Past Use: AGRICULTURAL - ORCHARD, OFFICE BUILDING
Potential COC: 30001, 30006, 30007, 30013, 30024, 3002502, 30207
Confirmed COC: 30001,30006,30007,30013,30024,30207,3002502

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Potential Description: OTH, SOIL
Alias Name: 21645011
Alias Type: APN
Alias Name: 21645014
Alias Type: APN
Alias Name: 21645019
Alias Type: APN
Alias Name: 21645027
Alias Type: APN
Alias Name: 21645028
Alias Type: APN
Alias Name: 201996
Alias Type: Project Code (Site Code)
Alias Name: 60001968
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/04/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/14/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 01/05/2018
Comments: The Long-Term Operation and Maintenance Plan describes the soil management procedures if impacted soil is disturbed in the three consolidation cells and the tree protection zone, which consists of a limited area surrounding a protected redwood tree. The Plan also discusses the annual inspection and reporting that is to be performed to verify compliance with the restrictions and requirements of the land use covenant and to ensure the integrity of the caps over the consolidation cells and tree protection zone.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2014
Comments: The Report includes the results of a soil characterization and pre-excavation confirmation sampling program that was conducted at the Site to document the nature and extent of soil exceeding the Response Plan remedial goals. A soil excavation plan to determine the volume of soil to be removed was developed based on the results of the soil characterization and pre-excavation confirmation sampling program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 10/06/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Comments: The Assignment and Assumption Agreement between Augustine Bowers 11 LLC, 3265 Scott Blvd LLC, and DTSC transfers a 2.6-acre portion of the Site so that it will be remediated under the California Land Reuse Revitalization Act Agreement and Response Plan for the Santa Clara Square Apartments project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 03/12/2014
Comments: The proponent submitted an application in August 2013 that included both the properties comprising the Santa Clara Retail Square site and the Santa Clara Technology Campus 1 site (SCTC 1) as one site. Later proponent decided to split the project into two sites. Therefore, the Memorandum of Agreement decision for SCTC 1 also applied to this site.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 07/25/2014
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots, or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 06/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Completed Document Type: Land Use Restriction
Completed Date: 02/19/2019
Comments: DTSC and Augustine Bowers II LLC executed a Land Use Covenant that was recorded with Santa Clara County. The Land Use Covenant restricts land use and activities within approximately 2 acres of the Site that is comprised of three soil consolidation cells within the asphalt parking area and the root zones of one protected redwood tree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 06/20/2014
Comments: DTSC and The Irvine Company LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 08/25/2014
Comments: Assignment and assumption agreement among The Irvine Company and Augustine Bowers 11 LLC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/17/2019
Comments: DTSC certified the completion of response actions at the Site on 9/17/2019. Annual inspection of the capped areas and the Tree Protection Zone are required by the restrictions outlined in the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for the current fiscal year. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate for DTSC's oversight costs for the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

2021-2022 fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 05/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/04/2021
Comments: Roux Associates submitted an annual land use covenant compliance report on behalf of Irvine Company. No violations of the LUC were observed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 08/27/2019
Comments: DTSC and Augustine Bower II LLC, the site owner, entered into an Operation and Maintenance Agreement on August 27, 2019. The Agreement addresses long-term operation and maintenance activities associated with the asphalt caps covering the contaminated soil in three consolidation cells and a tree protection zone.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 06/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 07/25/2014
Comments: NOD filed on 7/28/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/15/2016
Comments: The selected response action identified in the Response Plan is relocation and consolidation of impacted shallow soil on-site beneath a cap (paved parking lots, buildings, or 2 feet of clean soil in

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EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

landscaped areas) and recordation of a land use covenant. When the Response Plan was implemented, the consolidation was limited to paved parking lots, and excess soil that could not be placed below the parking lots was disposed at off-site permitted landfills. Impacted soil, inaccessible in a limited area surrounding a protected redwood tree, was left in-place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/03/2020
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: SANTA CLARA SQUARE RETAIL
Address: 2620 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60001968
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

HAZNET:

Name: EQUITY OFFICE PROPERTIES INC
Address: 2620 AUGUSTINE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950542903
Contact: JIM SOUTTER
Telephone: 6503723553
Mailing Name: Not reported
Mailing Address: 2655 CAMPUS DR STE 100

Year: 2011
Gepaid: CAC002666566
TSD EPA ID: CAD028409019
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0175
Year: 2011

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EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Gepaid: CAC002666566
TSD EPA ID: CAD982042475
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.2

Additional Info:

Year: 2011
Gen EPA ID: CAC002666566

Shipment Date: 20110508
Creation Date: 7/14/2011 18:30:27
Receipt Date: 20110519
Manifest ID: 008654098JJK
Trans EPA ID: CAL000298854
Trans Name: BAYVIEW ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAD983608258
Trans 2 Name: OCEAN BLUE ENVIRONMENTAL
TSD EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSD EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0175
Waste Quantity: 35
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110508
Creation Date: 6/20/2011 18:30:31
Receipt Date: 20110516
Manifest ID: 008654097JJK
Trans EPA ID: CAL000298854
Trans Name: BAYVIEW ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAR000037283
Trans 2 Name: WORLD ENVIRONMENTAL
TSD EPA ID: CAD982042475
Trans Name: NWS HAY RD LANDFILL
TSD EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.2
Waste Quantity: 3
Quantity Unit: Y
Additional Code 1: Not reported

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EQUITY OFFICE PROPERTIES INC (Continued)

S112986144

Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

HWTS:

Name: EQUITY OFFICE PROPERTIES INC
 Address: 2620 AUGUSTINE DR
 Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 95054
 EPA ID: CAC002666566
 Inactive Date: 11/03/2011
 Create Date: 05/06/2011
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 2655 CAMPUS DR STE 100
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SAN MATEO, CA 944032520
 Owner Name: EQUITY OFFICE PROPERTIES INC
 Owner Address: 2655 CAMPUS DR STE 100
 Owner Address 2: Not reported
 Owner City,State,Zip: SAN MATEO, CA 944032520
 Contact Name: JIM SOUTTER
 Contact Address: 2655 CAMPUS DR STE 100
 Contact Address 2: Not reported
 City,State,Zip: SAN MATEO, CA 944032520
 Facility Status: Inactive
 Facility Type: TEMPORARY
 Category: STATE
 Latitude: 37.381762
 Longitude: -121.974742

Y109 PYRAMID CIRCUITS, INC
East 1405 RICHARD AVENUE
1/2-1 SANTA CLARA, CA 95050
0.975 mi.
5146 ft. Site 2 of 3 in cluster Y

RCRA-SQG 1000149808
CA ENVIROSTOR CAD982472151
CA HIST UST
EPA WATCH LIST
ICIS
FINDS
ECHO

Relative:
Lower

Actual:
52 ft.

RCRA Listings:

Date Form Received by Agency: 19960901
 Handler Name: Pyramid Circuits Inc.
 Handler Address: 1405 RICHARD AVENUE
 Handler City,State,Zip: SANTA CLARA, CA 95050
 EPA ID: CAD982472151
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported

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PYRAMID CIRCUITS, INC (Continued)

1000149808

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	2
Mailing Address:	1405 RICHARD AVENUE
Mailing City,State,Zip:	SANTA CLARA, CA 95050
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private

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PYRAMID CIRCUITS, INC (Continued)

1000149808

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LUCIO DEANDA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: PYRAMID CIRCUITS INC.
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19880506
Handler Name: PYRAMID CIRCUITS INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 334412
NAICS Description: BARE PRINTED CIRCUIT BOARD MANUFACTURING

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport

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EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20111214
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20120918
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

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EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	8400
Paid Amount:	8400
Final Count:	1
Final Amount:	8400
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20111214
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport

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PYRAMID CIRCUITS, INC (Continued)

1000149808

Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20111214
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20120918
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

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PYRAMID CIRCUITS, INC (Continued)

1000149808

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EARM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 8400
Paid Amount: 8400
Final Count: 1
Final Amount: 8400

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20110407
Actual Return to Compliance Date: 20120720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20120918
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EARM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 8400
Paid Amount: 8400
Final Count: 1
Final Amount: 8400

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General

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Database(s)

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EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20120918
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	8400
Paid Amount:	8400
Final Count:	1
Final Amount:	8400
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20120918
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

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EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: EARMI
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 8400
Paid Amount: 8400
Final Count: 1
Final Amount: 8400

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20110407
Actual Return to Compliance Date: 20120720
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20111214
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: EARMI
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General

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Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20111214
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	EARMI
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20110407
Actual Return to Compliance Date:	20120720
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20111214
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

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PYRAMID CIRCUITS, INC (Continued)

1000149808

Enforcement Type:	Not reported	
Enforcement Responsible Person:		EARM I
Enforcement Responsible Sub-Organization:		Not reported
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		Not reported
Paid Amount:		Not reported
Final Count:		Not reported
Final Amount:		Not reported
Found Violation:		Yes
Agency Which Determined Violation:		EPA
Violation Short Description:		Generators - Pre-transport
Date Violation was Determined:		20110407
Actual Return to Compliance Date:		20120720
Return to Compliance Qualifier:		Documented
Violation Responsible Agency:		EPA
Scheduled Compliance Date:		Not reported
Enforcement Identifier:		001
Date of Enforcement Action:		20120918
Enforcement Responsible Agency:		EPA
Enforcement Docket Number:		Not reported
Enforcement Attorney:		Not reported
Corrective Action Component:		No
Appeal Initiated Date:		Not reported
Appeal Resolution Date:		Not reported
Disposition Status Date:		Not reported
Disposition Status:		Not reported
Disposition Status Description:		Not reported
Consent/Final Order Sequence Number:	Not reported	
Consent/Final Order Respondent Name:		Not reported
Consent/Final Order Lead Agency:		Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER	
Enforcement Responsible Person:		EARM I
Enforcement Responsible Sub-Organization:		Not reported
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		8400
Paid Amount:		8400
Final Count:		1
Final Amount:		8400
Evaluation Action Summary:		
Evaluation Date:		20120918
Evaluation Responsible Agency:		EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120918
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120918
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110407
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110407
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110407
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EARMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120720
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110407
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EARMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120720
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110407
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	EARMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120720
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110407
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	EARMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120720
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Evaluation Date: 20110407
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110407
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120918
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: EARMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120720
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENVIROSTOR:

Name: PYRAMID CIRCUITS, INC.
Address: 1405 RICHARD AVENUE
City,State,Zip: SANTA CLARA, CA 95050
Facility ID: 71003063
Status: No Further Action
Status Date: 12/11/2015
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.46
NPL: NO
Regulatory Agencies: CITY OF SANTA CLARA
Lead Agency: CITY OF SANTA CLARA
Program Manager: Nicole Yuen
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

Assembly: 25
Senate: 10
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.36533
Longitude: -121.9551
APN: NONE SPECIFIED
Past Use: TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS,
MANUFACTURING - ELECTRONIC, METAL PLATING - OTHER
Potential COC: Arsenic Copper and compounds Cyanide (free
Confirmed COC: Arsenic Copper and compounds Cyanide (free
Potential Description: SOIL
Alias Name: CAD982472151
Alias Type: EPA Identification Number
Alias Name: 110001172061
Alias Type: EPA (FRS #)
Alias Name: 71003063
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Addendum
Completed Date: 12/11/2015
Comments: California Environmental Management, the consultant to the owner of
Pyramid Circuits, submitted an

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/11/2015
Comments: California Environmental Management, the consultant to the owner of
Pyramid Circuits, submitted an

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Non-Submittal
Completed Date: 08/19/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 10/31/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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Database(s)

EDR ID Number
EPA ID Number

PYRAMID CIRCUITS, INC (Continued)

1000149808

HIST UST:

Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVE
City,State,Zip: SANTA CLARA, CA 95050
File Number: 00020736
URL: <https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/00020736.pdf>
Region: STATE
Facility ID: 00000047991
Facility Type: Other
Other Type: PRINTED CIRCUIT BOAR
Contact Name: LOUIE DE ANDA
Telephone: 4089885433
Owner Name: PYRAMID CIRCUITS
Owner Address: 1405 RICHARD AVE.
Owner City,St,Zip: SANTA CLARA, CA 95050
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000950
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: Visual

Click here for Geo Tracker PDF:

EPA WATCH LIST:

Facility ID: CAD982472151
Program: RCRA Facilities
List date: September 2012 Watch List

ICIS:

Enforcement Action ID: 09-2012-5119
FRS ID: 110001172061
Action Name: Pyramid Circuits Inc.
Facility Name: PYRAMID CIRCUITS
Facility Address: 1405 RICHARD AVENUE
SANTA CLARA, CA 95050
Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty - Subtitle C Expedited Settlement Program
Facility County: SANTA CLARA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 3008AE
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.365032
Longitude in Decimal Degrees: -121.956179
Permit Type Desc: Not reported
Program System Acronym: 2600007316
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: PYRAMID CIRCUITS

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Database(s)

EDR ID Number
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PYRAMID CIRCUITS, INC (Continued)

1000149808

Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: PYRAMID CIRCUITS
Address: 1405 RICHARD AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110001172061

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)
provides California with information on hazardous waste shipments for
generators, transporters, and treatment, storage, and disposal
facilities.

US National Pollutant Discharge Elimination System (NPDES) module of
the Compliance Information System (ICIS) tracks surface water permits
issued under the Clean Water Act. Under NPDES, all facilities that
discharge pollutants from any point source into waters of the United
States are required to obtain a permit. The permit will likely contain

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MAP FINDINGS

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PYRAMID CIRCUITS, INC (Continued)

1000149808

limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality. RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000149808
Registry ID:	110001172061
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001172061
Name:	PYRAMID CIRCUITS, INC
Address:	1405 RICHARD AVENUE
City,State,Zip:	SANTA CLARA, CA 95050

Y110
East
1/2-1
0.989 mi.
5221 ft.
Relative:
Lower
Actual:
52 ft.

SWIFT METAL FINISHING
1161 RICHARD AVENUE
SANTA CLARA, CA 95050
Site 3 of 3 in cluster Y

RCRA-LQG **1000230904**
CA ENVIROSTOR **CAD982018939**
FINDS
ECHO
CA NPDES
CA WDS
CA CERS

RCRA Listings:

Date Form Received by Agency:	20220611
Handler Name:	Swift Metal Finishing
Handler Address:	1161 RICHARD AVE.
Handler City,State,Zip:	SANTA CLARA, CA 95050-0000
EPA ID:	CAD982018939
Contact Name:	DYANNE CASTRO
Contact Address:	RICHARD AVE.
Contact City,State,Zip:	SANTA CLARA, CA 95050-0000
Contact Telephone:	408-727-5776
Contact Fax:	Not reported
Contact Email:	SWIFTMETAL@SBCGLOBAL.NET
Contact Title:	CO-OWNER
EPA Region:	09
Land Type:	Private

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	RICHARD AVE.
Mailing City, State, Zip:	SANTA CLARA, CA 95050-0000
Owner Name:	Dyanne Castro, Bob Montoya, Jr.
Owner Type:	Private
Operator Name:	Dyanne Castro, Bob Montoya, Jr.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220623
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2021

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

[Click Here for Biennial Reporting System Data:](#)

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DYANNE CASTRO, BOB MONTOYA, JR.
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Owner/Operator City,State,Zip: SANTA CLARA, CA 95050-0000
Owner/Operator Telephone: 408-727-5776
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SWIFTMETAL@SBCGLOBAL.NET

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DYANNE CASTRO, ROBERT MONTOYA
Legal Status: Private
Date Became Current: 19911001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DYANNE CASTRO, BOB MONTOYA, JR.
Legal Status: Private
Date Became Current: 19911001
Date Ended Current: Not reported
Owner/Operator Address: 1161 RICHARD AVE.
Owner/Operator City,State,Zip: SANTA CLARA, CA 95050-0000
Owner/Operator Telephone: 408-727-5776
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: SWIFTMETAL@SBCGLOBAL.NET

Owner/Operator Indicator: Owner
Owner/Operator Name: SWIFT METAL FINISHING
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DYANNE CASTRO, ROBERT MONTOYA
Legal Status: Private

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DYANNE CASTRO, BOB MONTOYA, JR.
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050-0000
Owner/Operator Telephone:	408-727-5776
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	SWIFTMETAL@SBCGLOBAL.NET
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DYANNE CASTRO, BOB MONTOYA, JR.
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050-0000
Owner/Operator Telephone:	408-727-5776
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	SWIFTMETAL@SBCGLOBAL.NET
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DYANNE CASTRO, ROBERT MONTOYA
Legal Status:	Private
Date Became Current:	19791014
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DYANNE CASTRO
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVENUE
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050
Owner/Operator Telephone:	408-727-4155
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Owner/Operator Indicator:	Operator
Owner/Operator Name: DYANNE CASTRO	
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: DYANNE CASTRO	
Legal Status:	Private
Date Became Current:	19791004
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DYANNE CASTRO	
Legal Status:	Private
Date Became Current:	19991001
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DYANNE CASTRO, BOB MONTOYA, JR.	
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050-0000
Owner/Operator Telephone:	408-727-5776
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	SWIFTMETAL@SBCGLOBAL.NET
Owner/Operator Indicator:	Operator
Owner/Operator Name: DYANNE CASTRO, BOB MONTOYA, JR.	
Legal Status:	Private
Date Became Current:	19911001
Date Ended Current:	Not reported
Owner/Operator Address:	1161 RICHARD AVE.
Owner/Operator City,State,Zip:	SANTA CLARA, CA 95050-0000
Owner/Operator Telephone:	408-727-5776
Owner/Operator Telephone Ext:	Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

Owner/Operator Fax: Not reported
Owner/Operator Email: SWIFTMETAL@SBCGLOBAL.NET

Owner/Operator Indicator: Owner
Owner/Operator Name: DYANNE CASTRO
Legal Status: Private
Date Became Current: 19791004
Date Ended Current: Not reported
Owner/Operator Address: 1161 RICHARD AVE.
Owner/Operator City,State,Zip: SANTA CLARA, CA 95050
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20160216
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180210
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200302
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220611
Handler Name: SWIFT METAL FINISHING

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SWIFT METAL FINISHING (Continued)

1000230904

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19870730
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960229
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: SWIFT METAL FINISHING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

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SWIFT METAL FINISHING (Continued)

1000230904

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020225
Handler Name:	SWIFT METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20040213
Handler Name:	SWIFT METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060128
Handler Name:	SWIFT METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20080125
Handler Name:	SWIFT METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

List of NAICS Codes and Descriptions:

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Has the Facility Received Notices of Violations:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20091109
Actual Return to Compliance Date: 20091109
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20091109
Enforcement Identifier: 601
Date of Enforcement Action: 20091109
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20110407
Actual Return to Compliance Date: 20110914
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20061017
Actual Return to Compliance Date: 20061116
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 601
Date of Enforcement Action: 20061017
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20061017
Actual Return to Compliance Date:	20061116
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	602
Date of Enforcement Action:	20061017
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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SWIFT METAL FINISHING (Continued)

1000230904

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20091109
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20091109
Scheduled Compliance Date: 20091109
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110407
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: EARM1
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110914
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20220502
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20071219
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

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1000230904

Former Citation:	Not reported
Evaluation Date:	20061017
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20061116
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061017
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20061116
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	SWIFT METAL FINISHING
Address:	1161 RICHARD AVENUE
City,State,Zip:	SANTA CLARA, CA 95050
Facility ID:	71002965
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	25
Senate:	10
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.36516
Longitude:	-121.9549
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED

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Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982018939
Alias Type: EPA Identification Number
Alias Name: 110002334670
Alias Type: EPA (FRS #)
Alias Name: 71002965
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110002334670

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

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SWIFT METAL FINISHING (Continued)

1000230904

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000230904
Registry ID: 110002334670
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002334670>
Name: SWIFT METAL FINISHING
Address: 1161 RICHARD AVENUE
City,State,Zip: SANTA CLARA, CA 95050

NPDES:

Name: SWIFT METAL FINISHING
Address: 1161 RICHARD AVE
City,State,Zip: SANTA CLARA, CA 95050
Facility Status: Active
NPDES Number: CAS000001
Region: 2
Agency Number: 0
Regulatory Measure ID: 183951
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 2 431006910
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 05/07/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1161 Richard Ave
Discharge Name: Montoya Jaramillo Inc
Discharge City: Santa Clara
Discharge State: California
Discharge Zip: 95050
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 2
Regulatory Measure ID: 183951

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1000230904

Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 43I006910
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	05/07/1992
Status:	Active
Status Date:	05/07/1992
Place Size:	7500
Place Size Unit:	SqFt
Contact:	DYANNE Castro
Contact Title:	Not reported
Contact Phone:	408-727-4155
Contact Phone Ext:	Not reported
Contact Email:	dyannecastro@sbcglobal.net
Operator Name:	Montoya Jaramillo Inc
Operator Address:	1161 Richard Ave
Operator City:	Santa Clara
Operator State:	California
Operator Zip:	95050
Operator Contact:	DYANNE Castro
Operator Contact Title:	Not reported
Operator Contact Phone:	408-727-4155
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dyannecastro@sbcglobal.net
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	408-727-4155
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

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Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Tomas Aquinas
Certifier:	Dyanne Castro
Certifier Title:	Co Owner
Certification Date:	02-JUN-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	183951
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I006910
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Montoya Jaramillo Inc
Discharge Address:	1161 Richard Ave
Discharge City:	Santa Clara
Discharge State:	California
Discharge Zip:	95050
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: SWIFT METAL FINISHING
Address: 1161 RICHARD AVE
City,State,Zip: SANTA CLARA, CA 95050
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 43I006910
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Status Date: 05/07/1992
Operator Name: Montoya Jaramillo Inc
Operator Address: 1161 Richard Ave
Operator City: Santa Clara
Operator State: California
Operator Zip: 95050

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 2
Regulatory Measure ID: 183951
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 2 43I006910
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 05/07/1992
Status: Active
Status Date: 05/07/1992
Place Size: 7500
Place Size Unit: SqFt
Contact: DYANNE Castro
Contact Title: Not reported
Contact Phone: 408-727-4155
Contact Phone Ext: Not reported
Contact Email: dyannecastro@sbcglobal.net
Operator Name: Montoya Jaramillo Inc
Operator Address: 1161 Richard Ave
Operator City: Santa Clara
Operator State: California
Operator Zip: 95050
Operator Contact: DYANNE Castro
Operator Contact Title: Not reported
Operator Contact Phone: 408-727-4155
Operator Contact Phone Ext: Not reported
Operator Contact Email: dyannecastro@sbcglobal.net
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 408-727-4155

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Tomas Aquinas
Certifier:	Dyanne Castro
Certifier Title:	Co Owner
Certification Date:	02-JUN-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	183951
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 43I006910
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Montoya Jaramillo Inc
Discharge Address:	1161 Richard Ave
Discharge City:	Santa Clara
Discharge State:	California
Discharge Zip:	95050
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	SWIFT METAL FINISHING
Address:	1161 Richard Ave
City:	SANTA CLARA
Facility ID:	San Francisco Bay 43I006910
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 2

Facility Telephone: 4087274155

Facility Contact: DYANNE CASTRO

Agency Name: MONTOYA JARAMILLO INC

Agency Address: 1161 Richard Ave

Agency City,St,Zip: Santa Clara 950502843

Agency Contact: DYANNE CASTRO

Agency Telephone: 4087274155

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CERS:

Name: SWIFT METAL FINISHING

Address: 1161 RICHARD AVE

City,State,Zip: SANTA CLARA, CA 95050

Site ID: 543747

CERS ID: 259804

CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 543747

Site Name: Swift Metal Finishing

Violation Date: 07-02-2007

Citation: 2014-0057-DWQ - Industrial General Permit

Violation Description: SW - Late Report

Violation Notes: Failure to submit the 2006-2007 Annual Report by 7/1/07 due date.

Violation Division: Water Boards

Violation Program: INDSTW

Violation Source: SMARTS,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SWIFT METAL FINISHING (Continued)

1000230904

Site ID: 543747
 Site Name: Swift Metal Finishing
 Violation Date: 07-04-2005
 Citation: 2014-0057-DWQ - Industrial General Permit
 Violation Description: SW - Late Report
 Violation Notes: Failure to submit 2004/2005 annual report by July 1, 2005
 Violation Division: Water Boards
 Violation Program: INDSTW
 Violation Source: SMARTS,

Enforcement Action:

Site ID: 543747
 Site Name: Swift Metal Finishing
 Site Address: 1161 RICHARD AVE
 Site City: SANTA CLARA
 Site Zip: 95050
 Enf Action Date: 08-06-2007
 Enf Action Type: Notice of Non-Compliance for Non-Filers
 Enf Action Description: Notice of Non-Compliance for Non-Filers
 Enf Action Notes: N/A
 Enf Action Division: Water Boards
 Enf Action Program: INDSTW
 Enf Action Source: SMARTS,

Affiliation:

Affiliation Type Desc: Owner/Operator
 Entity Name: Montoya Jaramillo Inc
 Entity Title: Operator
 Affiliation Address: 1161 Richard Ave
 Affiliation City: Santa Clara
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 95050
 Affiliation Phone: ,

111
 North
 1/2-1
 0.997 mi.
 5265 ft.

SANTA CLARA SQUARE OFFICE 2 AND 3
2525 AUGUSTINE DRIVE
SANTA CLARA, CA 95054

CA ENVIROSTOR
CA VCP
CA DEED
CA HAZNET
CA HWTS

S112856149
N/A

Relative:
Lower
Actual:
33 ft.

ENVIROSTOR:
 Name: SANTA CLARA SQUARE OFFICE 2 AND 3
 Address: 2525 AUGUSTINE DRIVE
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 60002133
 Status: Certified O&M - Land Use Restrictions Only
 Status Date: 09/23/2021
 Site Code: 202024
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Agreement
 Acres: 22.9
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Nicole Yuen

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Assembly: 25
Senate: 10
Special Program: Voluntary Agreement - CLRRRA
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.38272
Longitude: -121.9706
APN: 21645006, 21645025, 21645036, 21645037, 21645038
Past Use: AGRICULTURAL - ORCHARD, LABORATORIES- UNSPECIFIED, RESEARCH - OTHER
Potential COC: Arsenic DDE Lead Dieldrin
Confirmed COC: Arsenic DDE Lead Dieldrin
Potential Description: SOIL
Alias Name: 21645006
Alias Type: APN
Alias Name: 21645025
Alias Type: APN
Alias Name: 21645036
Alias Type: APN
Alias Name: 21645037
Alias Type: APN
Alias Name: 21645038
Alias Type: APN
Alias Name: 202024
Alias Type: Project Code (Site Code)
Alias Name: 60002133
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Date: 06/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/07/2015
Comments: The public notice announces the public comment period on the Draft Response Plan that is being held from May 13 through June 12, 2015 and is scheduled to be published in in the Santa Clara Weekly newspaper on May 13, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/03/2015
Comments: The Work Plan presents the procedures to remove the underground storage tank that was encountered during remediation of the Site.

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 06/17/2015
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notification to the project proponent that the DTSC project manager for the site has changed.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/07/2015
Comments: The fact sheet announces the public comment period on the Draft Response Plan that is being held from May 13 through June 12, 2015 and provides background on the site and describes the proposed response action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/30/2014
Comments: DTSC notified the Santa Clara County Department of Environmental Health and the City of Santa Clara Planning & Inspection Department of its intent to enter into agreements under the California Land Reuse and Revitalization Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for current fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and 3255 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and 2525 Augustine Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/10/2021
Comments: Land use covenant between DTSC and Santa Clara Square Office IIA LLC and Santa Clara Square Office 2B LLC was recorded with the County of Santa Clara on 8/9/2021. The land use covenant applies to approximately 277,334 square feet: 14 tree protection zones and the areas within the footprints of two parking garage structures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/09/2021
Comments: DTSC certified the completion of the response action at the Site. No further action is required except for yearly inspections as required by the land use covenant.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and The 2505 Augustine LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/01/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/13/2017
Comments: The Work Plan presents the procedures to remove the diesel manifold and associated piping along with petroleum hydrocarbon-impacted soil that was encountered during excavation for utilities at the Site and groundwater remedial activities that will be performed.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: SANTA CLARA SQUARE OFFICE 2 AND 3
Address: 2525 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60002133
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 22.9
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Nicole Yuen

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Supervisor: Marikka Hughes
Division Branch: Cleanup Berkeley
Site Code: 202024
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Agreement - CLRRA
Status: Certified O&M - Land Use Restrictions Only
Status Date: 09/23/2021
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.38272 / -121.9706
APN: 21645006, 21645025, 21645036, 21645037, 21645038
Past Use: AGRICULTURAL - ORCHARD, LABORATORIES- UNSPECIFIED, RESEARCH - OTHER
Potential COC: 30001, 30007, 30013, 30207
Confirmed COC: 30001,30007,30013,30207
Potential Description: SOIL
Alias Name: 21645006
Alias Type: APN
Alias Name: 21645025
Alias Type: APN
Alias Name: 21645036
Alias Type: APN
Alias Name: 21645037
Alias Type: APN
Alias Name: 21645038
Alias Type: APN
Alias Name: 202024
Alias Type: Project Code (Site Code)
Alias Name: 60002133
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Document Type: Fieldwork
Completed Date: 06/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/24/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/07/2015
Comments: The public notice announces the public comment period on the Draft Response Plan that is being held from May 13 through June 12, 2015 and is scheduled to be published in in the Santa Clara Weekly newspaper on May 13, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/03/2015
Comments: The Work Plan presents the procedures to remove the underground storage tank that was encountered during remediation of the Site.

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 06/17/2015
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (parking lots or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2018
Comments: This letter provides notification to the project proponent that the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

DTSC project manager for the site has changed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/07/2015
Comments: The fact sheet announces the public comment period on the Draft Response Plan that is being held from May 13 through June 12, 2015 and provides background on the site and describes the proposed response action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/30/2014
Comments: DTSC notified the Santa Clara County Department of Environmental Health and the City of Santa Clara Planning & Inspection Department of its intent to enter into agreements under the California Land Reuse and Revitalization Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: This letter provides an estimate of DTSC's oversight costs for the 2018-2019 fiscal year which started July 1, 2018 and ends June 30, 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2019
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Annual estimate of DTSC's oversight costs for current fiscal year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 06/17/2015
Comments: Not reported

Completed Area Name: OU3
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and 3255 Scott Boulevard LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: OU1
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and 2525 Augustine Drive LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/10/2021
Comments: Land use covenant between DTSC and Santa Clara Square Office IIA LLC and Santa Clara Square Office 2B LLC was recorded with the County of Santa Clara on 8/9/2021. The land use covenant applies to approximately 277,334 square feet: 14 tree protection zones and the areas within the footprints of two parking garage structures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/09/2021
Comments: DTSC certified the completion of the response action at the Site. No further action is required except for yearly inspections as required by the land use covenant.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 02/25/2015
Comments: DTSC and The 2505 Augustine LLC executed a California Land Reuse and Revitalization Act Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/01/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/13/2017
Comments: The Work Plan presents the procedures to remove the diesel manifold and associated piping along with petroleum hydrocarbon-impacted soil that was encountered during excavation for utilities at the Site and groundwater remedial activities that will be performed.

Completed Area Name: OU2
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 12/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/26/2021
Comments: Annual oversight cost estimate projecting DTSC's oversight costs for the 2021-2022 fiscal year.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: SANTA CLARA SQUARE OFFICE 2 AND 3
Address: 2525 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60002133
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

HAZNET:

Name: 1X DIGITAL EQUIPMENT CORPORATION
Address: 2525 AUGUSTINE DR
Address 2: Not reported
City,State,Zip: SANTA CLARA, CA 950540000
Contact: JAVIER PROSPERO
Telephone: 5106879660
Mailing Name: Not reported
Mailing Address: 2525 AUGUSTINE DR

Year: 1994
Gepaid: CAC000957080
TSD EPA ID: CAD009466392
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: -
Tons: 0.15

Year: 1993
Gepaid: CAC000957080
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.2275

Year: 1993
Gepaid: CAC000957080
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.2293

Additional Info:

Year: 1994
Gen EPA ID: CAC000957080

Shipment Date: 19940125
Creation Date: 9/14/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92744998
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD009466392
Trans Name: Not reported
TSD EPA ID: Not reported
TSD EPA Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAC000957080

Shipment Date: 19931109
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93035246
Trans EPA ID: ILD009202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931109
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931119
Manifest ID: 93037372
Trans EPA ID: ILD099202681
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000646117
Trans Name: Not reported
TSDf Alt EPA ID: CAT000646117
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.2275
Waste Quantity: 455
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SANTA CLARA SQUARE OFFICE 2 AND 3 (Continued)

S112856149

HWTS:

Name: 1X DIGITAL EQUIPMENT CORPORATION
 Address: 2525 AUGUSTINE DR
 Address 2: Not reported
 City,State,Zip: SANTA CLARA, CA 95054
 EPA ID: CAC000957080
 Inactive Date: 10/25/2000
 Create Date: 09/09/1993
 Last Act Date: Not reported
 Mailing Name: Not reported
 Mailing Address: 2525 AUGUSTINE DR
 Mailing Address 2: Not reported
 Mailing City,State,Zip: SANTA CLARA, CA 950540000
 Owner Name: DIGITAL EQUIPMENT CORP
 Owner Address: Not reported
 Owner Address 2: Not reported
 Owner City,State,Zip: Not reported
 Contact Name: JAVIER PROSPERO
 Contact Address: 90 DAY EXT PER PETE RIST EXP
 Contact Address 2: Not reported
 City,State,Zip: Not reported
 Facility Status: Inactive
 Facility Type: TEMPORARY
 Category: STATE
 Latitude: 37.382322
 Longitude: -121.972777

Z112
North
1/2-1
0.998 mi.
5271 ft.

SANTA CLARA TECHNOLOGY CAMPUS 1
2685 AUGUSTINE DRIVE
SANTA CLARA, CA 95054

CA ENVIROSTOR
CA VCP
CA DEED

S113883345
N/A

Site 2 of 2 in cluster Z

Relative:
Lower
Actual:
34 ft.

ENVIROSTOR:
 Name: SANTA CLARA TECHNOLOGY CAMPUS 1
 Address: 2685 AUGUSTINE DRIVE
 City,State,Zip: SANTA CLARA, CA 95054
 Facility ID: 60001922
 Status: Certified O&M - Land Use Restrictions Only
 Status Date: 02/18/2016
 Site Code: 201983
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Agreement
 Acres: 16.6
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Claude Jemison
 Supervisor: Julie Pettijohn
 Division Branch: Cleanup Berkeley
 Assembly: 25
 Senate: 10
 Special Program: Voluntary Agreement - CLRRRA
 Restricted Use: YES
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 37.38311

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Longitude: -121.9749
APN: 21645009, 21645031, 21645032
Past Use: AGRICULTURAL - ORCHARD, LABORATORIES- UNSPECIFIED, MANUFACTURING - ELECTRONIC, RESEARCH - OTHER
Potential COC: Arsenic DDE Lead Dieldrin
Confirmed COC: Arsenic DDE Lead Dieldrin
Potential Description: SOIL
Alias Name: 21645009
Alias Type: APN
Alias Name: 21645031
Alias Type: APN
Alias Name: 21645032
Alias Type: APN
Alias Name: 201983
Alias Type: Project Code (Site Code)
Alias Name: 60001922
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: The correspondence is an email from the DTSC project manager to the property owner representative providing a reminder of the site inspection that is to be performed and report to be submitted by 1/15/2017 to DTSC to verify compliance with the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 01/16/2014
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (e.g., parking structures, buildings, parking lots, or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 08/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Date: 11/01/2013
Comments: Arsenic, lead, and pesticides (DDE and dieldrin) were found in shallow soil at concentrations above regulatory screening levels and further action is required at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/17/2014
Comments: The selected response action identified in the Response Plan included relocation and consolidation of impacted shallow soil on-site, beneath the parking structure, buildings, parking lot, and landscaped areas and recordation of a land use covenant. The consolidation was limited to the parking structure footprint, and excess soil that could not be placed below the parking structure was disposed at off-site permitted landfill facilities. Impacted soil, inaccessible in limited areas surrounding protected redwood trees, was left in-place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/02/2014
Comments: The Transportation Plan describes the general procedures and protocols to minimize potential health, safety, and environmental risks resulting from the transportation of impacted soil to off-Site disposal facilities during remediation activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/17/2016
Comments: DTSC has determined that all appropriate response actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing verification of compliance with the restrictions and requirements of the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2020
Comments: Emailed annual cost estimate letter on 10/7/2020. -EC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/03/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/09/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Date: 02/12/2016
Comments: Land Use Covenant recorded on 2/2/2016 at Santa Clara County Recorder.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/30/2013
Comments: DTSC will be the lead agency for the site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/20/2013
Comments: Notification of DTSC's intent to enter into CLRRRA agreement to City of Santa Clara and Santa Clara County.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 01/16/2014
Comments: CLRRRA Agreement between DTSC and Augustine Bowers LLC was executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/16/2014
Comments: DTSC filed a Notice of Determination with the State Clearinghouse on 1/17/2014 in compliance with the California Environmental Quality Act.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/04/2013
Comments: The original Request for Agency Oversight included 8 parcels and proponent decided to split the project into two separate sites. This Site now consists of 3 parcels and Augustine Bowers LLC is the proponent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/15/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/04/2021
Comments: Roux Associates submitted an annual land use covenant compliance report on behalf of Irvine Company; no violations of the LUC were observed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: SANTA CLARA TECHNOLOGY CAMPUS 1
Address: 2685 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Facility ID: 60001922
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 16.6
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Claude Jemison
Supervisor: Julie Pettijohn
Division Branch: Cleanup Berkeley
Site Code: 201983
Assembly: 25
Senate: 10
Special Programs Code: Voluntary Agreement - CLRRRA
Status: Certified O&M - Land Use Restrictions Only
Status Date: 02/18/2016
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.38311 / -121.9749
APN: 21645009, 21645031, 21645032
Past Use: AGRICULTURAL - ORCHARD, LABORATORIES- UNSPECIFIED, MANUFACTURING - ELECTRONIC, RESEARCH - OTHER
Potential COC: 30001, 30007, 30013, 30207
Confirmed COC: 30001,30007,30013,30207
Potential Description: SOIL
Alias Name: 21645009
Alias Type: APN
Alias Name: 21645031
Alias Type: APN
Alias Name: 21645032
Alias Type: APN
Alias Name: 201983
Alias Type: Project Code (Site Code)
Alias Name: 60001922
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2016
Comments: The correspondence is an email from the DTSC project manager to the property owner representative providing a reminder of the site inspection that is to be performed and report to be submitted by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

1/15/2017 to DTSC to verify compliance with the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 389 Response Plan
Completed Date: 01/16/2014
Comments: The selected response action identified in the Response Plan is to excavate and consolidate contaminated soil on-Site, beneath a cap (e.g., parking structures, buildings, parking lots, or 2 feet of clean soil in landscaped areas).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 08/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/01/2013
Comments: Arsenic, lead, and pesticides (DDE and dieldrin) were found in shallow soil at concentrations above regulatory screening levels and further action is required at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/17/2014
Comments: The selected response action identified in the Response Plan included relocation and consolidation of impacted shallow soil on-site, beneath the parking structure, buildings, parking lot, and landscaped areas and recordation of a land use covenant. The consolidation was limited to the parking structure footprint, and excess soil that could not be placed below the parking structure was disposed at off-site permitted landfill facilities. Impacted soil, inaccessible in limited areas surrounding protected redwood trees, was left in-place.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/08/2014
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/02/2014
Comments: The Transportation Plan describes the general procedures and protocols to minimize potential health, safety, and environmental risks resulting from the transportation of impacted soil to off-Site disposal facilities during remediation activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/17/2016
Comments: DTSC has determined that all appropriate response actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing verification of compliance with the restrictions and requirements of the Land Use Covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2017
Comments: DTSC oversight cost estimate for fiscal year 2017/2018 (July 1, 2017 - June 30, 2018)

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2020
Comments: Emailed annual cost estimate letter on 10/7/2020. -EC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/03/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 10/09/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/12/2016
Comments: Land Use Covenant recorded on 2/2/2016 at Santa Clara County Recorder.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/30/2013
Comments: DTSC will be the lead agency for the site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/20/2013
Comments: Notification of DTSC's intent to enter into CLRRRA agreement to City of Santa Clara and Santa Clara County.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 01/16/2014
Comments: CLRRRA Agreement between DTSC and Augustine Bowers LLC was executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANTA CLARA TECHNOLOGY CAMPUS 1 (Continued)

S113883345

Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 01/16/2014
Comments: DTSC filed a Notice of Determination with the State Clearinghouse on 1/17/2014 in compliance with the California Environmental Quality Act. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/04/2013
Comments: The original Request for Agency Oversight included 8 parcels and proponent decided to split the project into two separate sites. This Site now consists of 3 parcels and Augustine Bowers LLC is the proponent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/15/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/04/2021
Comments: Roux Associates submitted an annual land use covenant compliance report on behalf of Irvine Company; no violations of the LUC were observed.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: SANTA CLARA TECHNOLOGY CAMPUS 1
Address: 2685 AUGUSTINE DRIVE
City,State,Zip: SANTA CLARA, CA 95054
Envirostor ID: 60001922
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 05/02/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023	Source: Department of the Navy
Date Data Arrived at EDR: 02/09/2023	Telephone: 843-820-7326
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2023	Telephone: 703-603-0695
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 70	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/14/2022

Telephone: 202-267-2180

Date Made Active in Reports: 12/19/2022

Last EDR Contact: 03/21/2023

Number of Days to Update: 5

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/23/2023

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 01/24/2023

Telephone: 916-323-3400

Date Made Active in Reports: 04/10/2023

Last EDR Contact: 04/25/2023

Number of Days to Update: 76

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/23/2023

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 01/24/2023

Telephone: 916-323-3400

Date Made Active in Reports: 04/10/2023

Last EDR Contact: 04/25/2023

Number of Days to Update: 76

Next Scheduled EDR Contact: 08/07/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/06/2023

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 02/07/2023

Telephone: 916-341-6320

Date Made Active in Reports: 04/26/2023

Last EDR Contact: 02/07/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 05/22/2023

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: see region list
Date Made Active in Reports: 03/30/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/02/2022	Source: SWRCB
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-341-5851
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/28/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-327-7844
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 03/09/2023
Number of Days to Update: 69	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 04/10/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/17/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/14/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/14/2022	Telephone: 916-323-7905
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 04/19/2023
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/02/2022	Source: Department of Conservation
Date Data Arrived at EDR: 12/02/2022	Telephone: 916-323-3836
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 11/22/2022	Telephone: 916-341-6422
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/19/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/12/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/27/2023
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/23/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/24/2023	Telephone: 916-323-3400
Date Made Active in Reports: 04/10/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/30/2022	Telephone: 916-255-6504
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 71	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/05/2023	Source: CalEPA
Date Data Arrived at EDR: 01/06/2023	Telephone: 916-323-2514
Date Made Active in Reports: 01/11/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 02/03/2023	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 02/07/2023	Telephone: 415-252-3896
Date Made Active in Reports: 04/25/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/11/2023
Number of Days to Update: 5

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/23/2023
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 76

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/13/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 08/02/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/17/2022	Telephone: 916-845-8400
Date Made Active in Reports: 01/04/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 77

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/01/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/04/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 03/13/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 02/16/2023	Telephone: 202-566-0250
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 02/16/2023
Number of Days to Update: 75	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/17/2023	Source: EPA
Date Data Arrived at EDR: 01/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 04/13/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/04/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/23/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 04/25/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 02/24/2023
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022	Source: Department of Interior
Date Data Arrived at EDR: 12/20/2022	Telephone: 202-208-2609
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/16/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023	Source: EPA
Date Data Arrived at EDR: 02/28/2023	Telephone: (415) 947-8000
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 04/20/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2023	Telephone: 202-272-0167
Date Made Active in Reports: 05/02/2023	Last EDR Contact: 04/27/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/02/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/02/2022	Telephone: 866-480-1028
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/06/2022	Telephone: 916-341-5455
Date Made Active in Reports: 10/26/2022	Last EDR Contact: 03/07/2023
Number of Days to Update: 50	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/14/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/14/2022	Telephone: 916-323-3400
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 02/10/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2022	Source: South Coast Air Quality Management District
Date Data Arrived at EDR: 11/30/2022	Telephone: 909-396-3211
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/15/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/14/2022	Source: Antelope Valley Air Quality Management District
Date Data Arrived at EDR: 11/14/2022	Telephone: 661-723-8070
Date Made Active in Reports: 02/01/2023	Last EDR Contact: 02/23/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 04/24/2019	Source: Sacramento Metropolitan Air Quality Management District
Date Data Arrived at EDR: 04/25/2019	Telephone: 916-874-3958
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1467	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019	Source: Santa Barbara County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 805-961-8867
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

DRYCLEAN SAN JOAQU VAL DIST: San Joaquin Valley Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/01/2019	Source: San Joaquin Valley Air Pollution Control District
Date Data Arrived at EDR: 05/03/2019	Telephone: 559-230-6001
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1459	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 04/23/2019	Source: San Luis Obispo County Air Pollution Control District
Date Data Arrived at EDR: 04/25/2019	Telephone: 805-781-5756
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1467	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 02/01/2019	Source: San Diego County Air Pollution Control District
Date Data Arrived at EDR: 05/01/2019	Telephone: 858-586-2616
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1461	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/17/2019	Source: Shasta County Air Quality Management District
Date Data Arrived at EDR: 04/19/2019	Telephone: 530-225-5674
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1473	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019	Source: Tehama County Air Pollution Control District
Date Data Arrived at EDR: 04/24/2019	Telephone: 530-527-3717
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1468	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 05/31/2019	Source: Yolo-Solano Air Quality Management District
Date Data Arrived at EDR: 06/06/2019	Telephone: 530-757-3650
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1425	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/01/2021	Telephone: 916-327-4498
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 01/24/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Annually

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management District Drycleaner Facility Listing
Butte County Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 04/17/2019	Source: Glenn County Air Pollution Control District
Date Data Arrived at EDR: 04/17/2019	Telephone: 530-934-6500
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/16/2019
Number of Days to Update: 1475	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 02/04/2021	Telephone: 916-323-0006
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/26/2023
Number of Days to Update: 816	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 05/14/2019	Source: Imperial County Air Pollution Control District
Date Data Arrived at EDR: 05/17/2019	Telephone: 442-265-1800
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1445	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019	Source: Lake County Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 707-263-7000
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1455	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 02/08/2019	Source: Mendocino County Air Quality Management District
Date Data Arrived at EDR: 05/21/2019	Telephone: 707-463-4354
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1441	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/17/2019	Source: Mojave Desert Air Quality Management District
Date Data Arrived at EDR: 04/17/2019	Telephone: 760-245-1661
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/17/2019	Source: Monterey Bay Air Quality Management District
Date Data Arrived at EDR: 04/17/2019	Telephone: 831-647-9411
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1475	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016	Source: North Coast Unified Air Quality Management District
Date Data Arrived at EDR: 04/19/2019	Telephone: 707-443-3093
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1473	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019	Source: Northern Sierra Air Quality Management District
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-274-9350
Date Made Active in Reports: 05/01/2023	Last EDR Contact: 04/25/2023
Number of Days to Update: 1455	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020	Source: California Air Resources Board
Date Data Arrived at EDR: 06/13/2022	Telephone: 916-322-2990
Date Made Active in Reports: 08/30/2022	Last EDR Contact: 03/16/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/10/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/18/2023	Telephone: 916-445-9379
Date Made Active in Reports: 04/04/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/11/2023	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/17/2023	Telephone: 916-255-3628
Date Made Active in Reports: 04/04/2023	Last EDR Contact: 04/12/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/08/2022	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/23/2022	Telephone: 916-341-6066
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/03/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 03/21/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/22/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/31/2022	Source: Department of Public Health
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-558-1784
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/07/2023	Telephone: 916-445-9379
Date Made Active in Reports: 04/28/2023	Last EDR Contact: 02/07/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/28/2022	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 11/29/2022	Telephone: 916-445-4038
Date Made Active in Reports: 02/14/2023	Last EDR Contact: 02/28/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/06/2023	Source: Department of Conservation
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/07/2022	Telephone: 916-445-3846
Date Made Active in Reports: 03/01/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020	Source: City of San Jose Fire Department
Date Data Arrived at EDR: 11/05/2020	Telephone: 408-535-7694
Date Made Active in Reports: 01/26/2021	Last EDR Contact: 04/26/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/06/2023	Source: Department of Conservation
Date Data Arrived at EDR: 03/07/2023	Telephone: 916-445-2408
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/06/2023	Source: State Water Resource Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 04/06/2023
Number of Days to Update: 90	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/13/2023
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 03/16/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/06/2023	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2023	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/02/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/23/2023
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/06/2023
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 4

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/31/2023
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/07/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 12/28/2022
Date Made Active in Reports: 03/17/2023
Number of Days to Update: 79

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 01/31/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 76

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 6

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/28/2022
Date Data Arrived at EDR: 01/24/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 76

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/21/2023
Number of Days to Update: 79

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/04/2022
Date Data Arrived at EDR: 11/07/2022
Date Made Active in Reports: 01/25/2023
Number of Days to Update: 79

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/09/2023
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 72

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 03/16/2023
Number of Days to Update: 58	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 04/05/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/24/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 11/01/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 12/14/2022	Telephone: 213-978-3800
Date Made Active in Reports: 03/07/2023	Last EDR Contact: 03/24/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 04/18/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/05/2023
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/12/2023
Number of Days to Update: 65	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/18/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/19/2022	Telephone: 310-618-2973
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 04/12/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 02/09/2023
Number of Days to Update: 72	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 03/22/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 02/15/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/22/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/2023
Date Data Arrived at EDR: 01/25/2023
Date Made Active in Reports: 04/10/2023
Number of Days to Update: 75

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/18/2023
Date Data Arrived at EDR: 01/19/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/04/2023
Number of Days to Update: 84

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/28/2022
Date Data Arrived at EDR: 11/29/2022
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/26/2023
Number of Days to Update: 78

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/11/2022
Date Data Arrived at EDR: 10/14/2022
Date Made Active in Reports: 01/04/2023
Number of Days to Update: 82

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/08/2022
Date Data Arrived at EDR: 11/09/2022
Date Made Active in Reports: 02/01/2023
Number of Days to Update: 84

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/10/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/02/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 10/28/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 01/20/2023
Number of Days to Update: 80

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/28/2021
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/05/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 11/14/2022
Number of Days to Update: 81

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 01/13/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018	Source: Divison of Environmental Health
Date Data Arrived at EDR: 04/25/2018	Telephone: 209-533-5633
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 04/12/2023
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/27/2022	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/26/2023	Telephone: 805-654-2813
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/17/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 03/22/2023
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/03/2023
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/21/2023
	Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/27/2022	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 01/26/2023	Telephone: 805-654-2813
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/17/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2022	Source: Environmental Health Division
Date Data Arrived at EDR: 12/02/2022	Telephone: 805-654-2813
Date Made Active in Reports: 02/23/2023	Last EDR Contact: 03/07/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/19/2022	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/27/2022	Telephone: 530-666-8646
Date Made Active in Reports: 03/17/2023	Last EDR Contact: 03/22/2023
Number of Days to Update: 80	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2023	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 01/27/2023	Telephone: 530-749-7523
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 05/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 02/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 03/30/2023
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 04/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/13/2022
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BRACHER ELEMENTARY SCHOOL
2700 CHROMITE DR
SANTA CLARA, CA 95051

TARGET PROPERTY COORDINATES

Latitude (North): 37.367049 - 37° 22' 1.38"
Longitude (West): 121.974181 - 121° 58' 27.05"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 590836.2
UTM Y (Meters): 4135881.0
Elevation: 54 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 12021561 SAN JOSE WEST, CA
Version Date: 2018

North Map: 12008742 MILPITAS, CA
Version Date: 2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

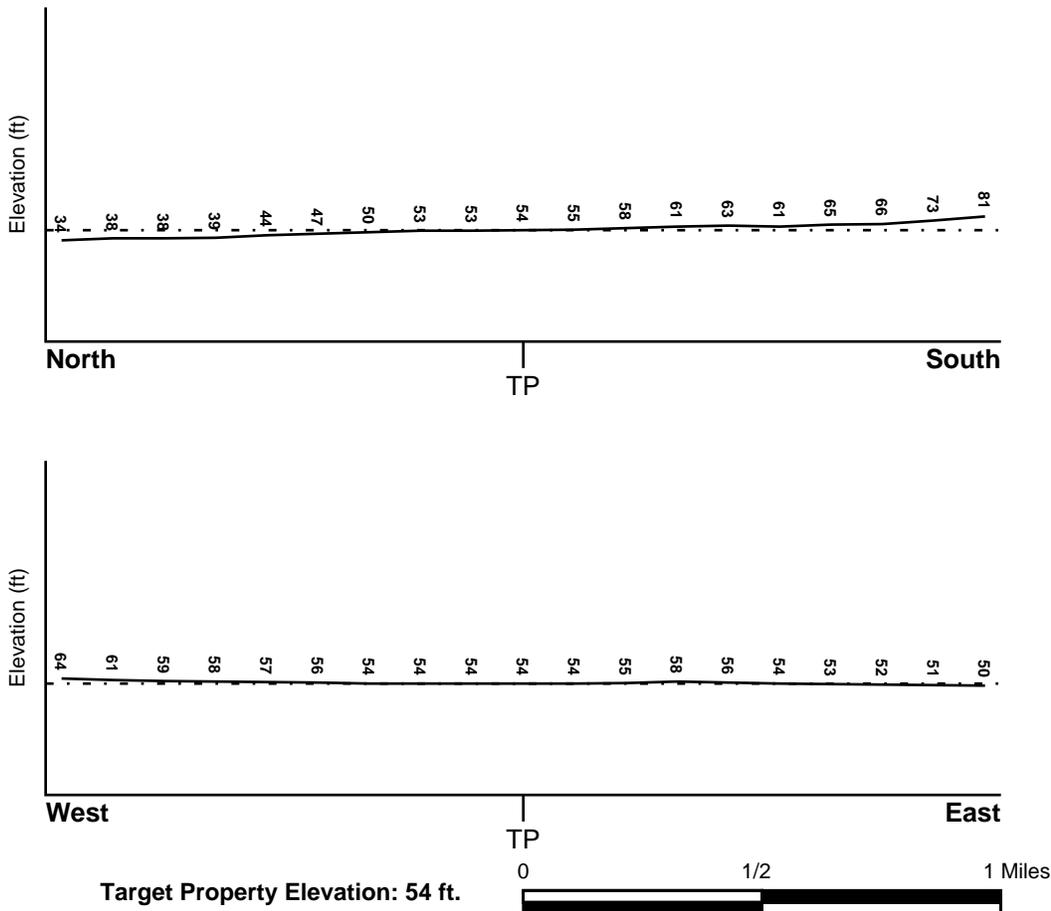
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06085C0226H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06085C0063H	FEMA FIRM Flood data
06085C0064H	FEMA FIRM Flood data
06085C0227H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
SAN JOSE WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile North
Site Name:	Integrated Device Technology, Inc
Site EPA ID Number:	CAD982464356
Groundwater Flow Direction:	Northeast
Measured Depth to Water:	approximately 15 feet in the "A" aquifer.
Hydraulic Connection:	An aquitard separates the near surface "A" and underlying "B" aquifers. An additional aquitard is located under the "B" aquifer and above the "C" aquifer.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: BOTELLA

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 7.30 Min: 5.60
2	9 inches	41 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	41 inches	76 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
H52	USGS40000182565	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADWR0000017626	1/4 - 1/2 Mile West
A2	CADDW0000002631	1/2 - 1 Mile South
A3	6857	1/2 - 1 Mile South
A4	CALLNL000001328	1/2 - 1 Mile South
B5	CADWR0000021480	1/2 - 1 Mile East
B6	CADWR0000033978	1/2 - 1 Mile East
7	CADWR0000024531	1/2 - 1 Mile SSW
C8	CAEDF0000134760	1/2 - 1 Mile North
C9	CAEDF0000141674	1/2 - 1 Mile North
10	CADWR0000020093	1/2 - 1 Mile ESE
11	CADWR0000030415	1/2 - 1 Mile NW
C12	CAEDF0000010347	1/2 - 1 Mile North
C13	CAEDF0000061083	1/2 - 1 Mile North
C14	CAEDF0000128059	1/2 - 1 Mile North
C15	CAEDF0000058689	1/2 - 1 Mile North
C16	CAEDF0000117809	1/2 - 1 Mile North
C17	CAEDF0000129221	1/2 - 1 Mile North
D18	CAEDF0000048573	1/2 - 1 Mile North
D19	CAEDF0000076448	1/2 - 1 Mile North
D20	CAEDF0000110016	1/2 - 1 Mile North
D21	CAEDF0000121832	1/2 - 1 Mile North
D22	CAEDF0000079452	1/2 - 1 Mile North
D23	CAEDF0000037367	1/2 - 1 Mile North
D24	CAEDF0000083173	1/2 - 1 Mile North
D25	CAEDF0000045677	1/2 - 1 Mile North
D26	CADWR0000019966	1/2 - 1 Mile North
D27	CAEDF0000102054	1/2 - 1 Mile North
D28	CAEDF0000078126	1/2 - 1 Mile North
D29	CAEDF0000042452	1/2 - 1 Mile North
D30	CAEDF0000021959	1/2 - 1 Mile North
D31	CAEDF0000019844	1/2 - 1 Mile North
D32	CAEDF0000139862	1/2 - 1 Mile North
D33	CAEDF0000042470	1/2 - 1 Mile North
E34	CADDW0000010632	1/2 - 1 Mile WSW
E35	6856	1/2 - 1 Mile WSW
E36	CAUSGSN00001124	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

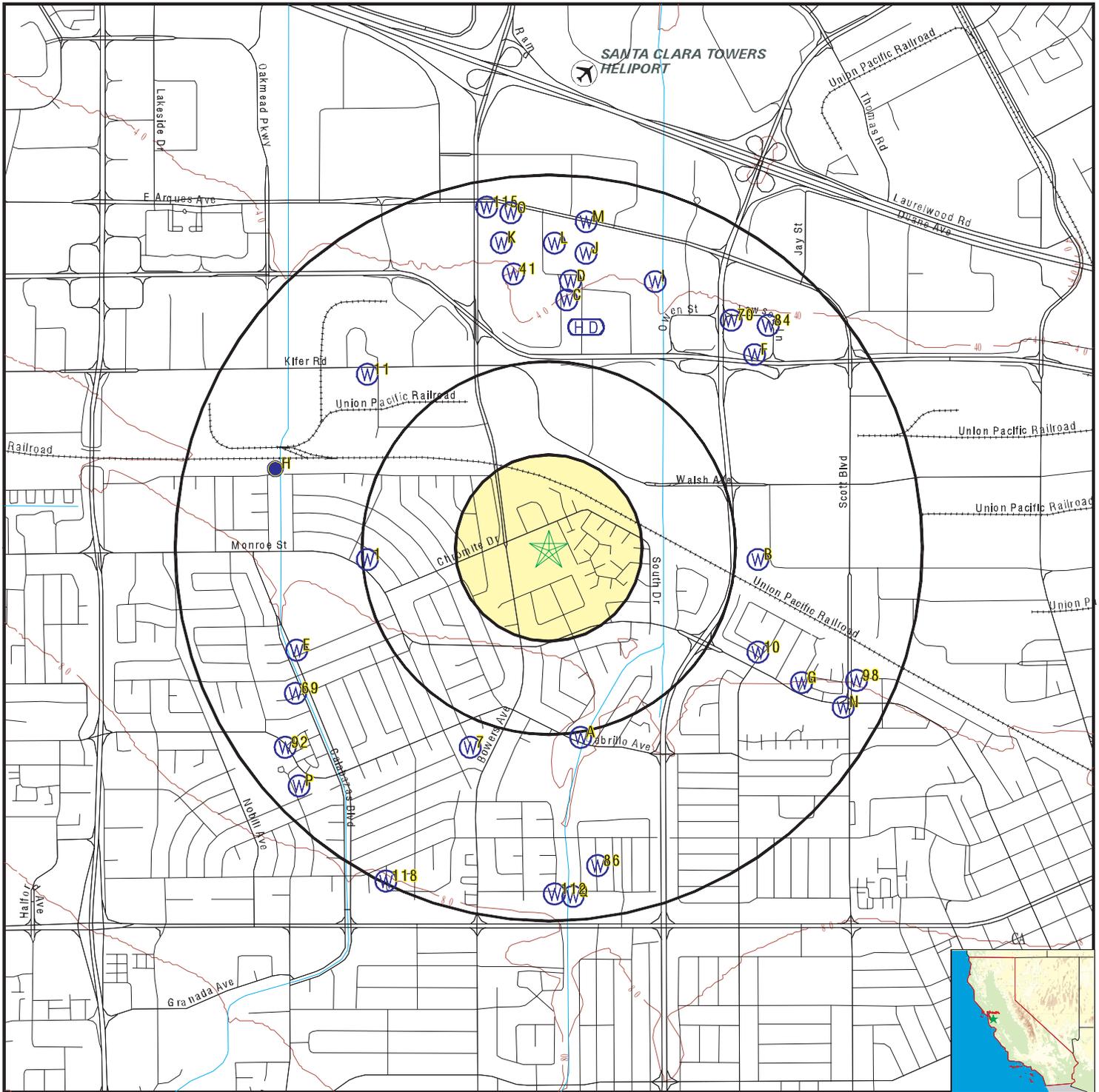
MAP ID	WELL ID	LOCATION FROM TP
E37	CAUSGS000001606	1/2 - 1 Mile WSW
D38	CAEDF0000056415	1/2 - 1 Mile North
D39	CAEDF0000084568	1/2 - 1 Mile North
D40	CAEDF0000046877	1/2 - 1 Mile North
41	CAEDF0000085818	1/2 - 1 Mile North
D42	CAEDF0000018144	1/2 - 1 Mile North
D43	CAEDF0000089643	1/2 - 1 Mile North
F44	CAEDF0000036559	1/2 - 1 Mile NE
F45	CAEDF0000061755	1/2 - 1 Mile NE
G46	CAEDF0000000218	1/2 - 1 Mile ESE
G47	CAEDF0000070736	1/2 - 1 Mile ESE
H48	CADDW0000001175	1/2 - 1 Mile WNW
H49	CALLNL000000517	1/2 - 1 Mile WNW
H50	CAUSGSN00007747	1/2 - 1 Mile WNW
G51	CAEDF0000135132	1/2 - 1 Mile ESE
G53	CAEDF0000022716	1/2 - 1 Mile ESE
G54	CAEDF0000076001	1/2 - 1 Mile ESE
G55	CAEDF0000009452	1/2 - 1 Mile ESE
G56	CAEDF0000020348	1/2 - 1 Mile ESE
G57	CAEDF0000013545	1/2 - 1 Mile ESE
G58	CAEDF0000064263	1/2 - 1 Mile ESE
G59	CAEDF0000023722	1/2 - 1 Mile ESE
I60	CADWR0000033007	1/2 - 1 Mile NNE
I61	CADWR0000028326	1/2 - 1 Mile NNE
G62	CAEDF0000117702	1/2 - 1 Mile ESE
G63	CAEDF0000043193	1/2 - 1 Mile ESE
G64	CAEDF0000017123	1/2 - 1 Mile ESE
H65	6855	1/2 - 1 Mile WNW
F66	CAEDF0000076339	1/2 - 1 Mile NE
G67	CAEDF0000101526	1/2 - 1 Mile ESE
G68	CAEDF0000105924	1/2 - 1 Mile ESE
69	CALLNL000000660	1/2 - 1 Mile WSW
70	CAEDF0000082662	1/2 - 1 Mile NE
J71	CAEDF0000047116	1/2 - 1 Mile North
J72	CAEDF0000033737	1/2 - 1 Mile North
J73	CAEDF0000126354	1/2 - 1 Mile North
J74	CAEDF0000107131	1/2 - 1 Mile North
K75	CAEDF0000109804	1/2 - 1 Mile North
L76	CAEDF0000043113	1/2 - 1 Mile North
L77	CAEDF0000104946	1/2 - 1 Mile North
K78	CAEDF0000124413	1/2 - 1 Mile North
J79	CAEDF0000127072	1/2 - 1 Mile North
J80	CAEDF0000106686	1/2 - 1 Mile North
K81	CAEDF0000055367	1/2 - 1 Mile North
K82	CAEDF0000038084	1/2 - 1 Mile North
K83	CAEDF0000016153	1/2 - 1 Mile North
84	CAEDF0000015931	1/2 - 1 Mile NE
K85	CAEDF0000089304	1/2 - 1 Mile North
86	CAEDF0000042192	1/2 - 1 Mile South
M87	CAEDF0000097744	1/2 - 1 Mile North
M88	CAEDF0000041593	1/2 - 1 Mile North
M89	CAEDF0000021198	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
N90	CAEDF0000101986	1/2 - 1 Mile ESE
N91	CAEDF0000130958	1/2 - 1 Mile ESE
92	CADWR0000007174	1/2 - 1 Mile SW
N93	CAEDF0000114001	1/2 - 1 Mile ESE
M94	CAEDF0000020230	1/2 - 1 Mile North
N95	CAEDF0000069679	1/2 - 1 Mile ESE
N96	CAEDF0000071315	1/2 - 1 Mile ESE
O97	CAEDF0000127252	1/2 - 1 Mile North
98	CAEDF0000084216	1/2 - 1 Mile ESE
M99	CAEDF0000065492	1/2 - 1 Mile North
M100	CAEDF0000037650	1/2 - 1 Mile North
N101	CAEDF0000046723	1/2 - 1 Mile ESE
N102	CAEDF0000139314	1/2 - 1 Mile ESE
O103	CAEDF0000108590	1/2 - 1 Mile North
O104	CAEDF0000084727	1/2 - 1 Mile North
N105	CAEDF0000081575	1/2 - 1 Mile ESE
N106	CAEDF0000135511	1/2 - 1 Mile ESE
N107	CAEDF0000066206	1/2 - 1 Mile ESE
O108	CAEDF0000080134	1/2 - 1 Mile North
P109	7720	1/2 - 1 Mile SW
Q110	CAEDF0000041339	1/2 - 1 Mile South
Q111	CAEDF0000137593	1/2 - 1 Mile South
112	CAEDF0000082263	1/2 - 1 Mile South
P113	CADDW0000001208	1/2 - 1 Mile SW
P114	CALLNL000000593	1/2 - 1 Mile SW
115	CAEDF0000117380	1/2 - 1 Mile North
Q116	CAEDF0000117432	1/2 - 1 Mile South
Q117	CAEDF0000088529	1/2 - 1 Mile South
118	CAEDF0000140244	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 7328595.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Bracher Elementary School
 ADDRESS: 2700 Chromite Dr
 Santa Clara CA 95051
 LAT/LONG: 37.367049 / 121.974181

CLIENT: ARCADIS U.S., Inc.
 CONTACT: Divya Mehta
 INQUIRY #: 7328595.2s
 DATE: May 05, 2023 11:13 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
West
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000017626

Well ID:	06S01W33L001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	06S01W33L001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W33L001M&store_num=		
GeoTracker Data:	Not Reported		

A2
South
1/2 - 1 Mile
Higher

CA WELLS CADDW0000002631

Well ID:	4310012-019	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 18-02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310012-019&store_num=		
GeoTracker Data:	Not Reported		

A3
South
1/2 - 1 Mile
Higher

CA WELLS 6857

Seq:	6857	Prim sta c:	06S/01W-33R05 M
Frds no:	4310012019	County:	43
District:	05	User id:	HEN
System no:	4310012	Water type:	G
Source nam:	WELL 18-02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	372135.0	Longitude:	1215818.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310012	System nam:	City Of Santa Clara
Hqname:	Not Reported	Address:	1500 WARBURTON AVE
City:	SANTA CLARA	State:	CA
Zip:	95050	Zip ext:	Not Reported
Pop serv:	94925	Connection:	23702
Area serve:	SANTA CLARA CITY		

Sample date:	23-AUG-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	22-AUG-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	17-AUG-15	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-AUG-15	Finding:	1.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	17-AUG-15	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	160.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	17-AUG-15	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	17-AUG-15	Finding:	34.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	17-AUG-15	Finding:	22.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	1.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	42.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	15.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	48.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	17-AUG-15	Finding:	2.5
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	17-AUG-15	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	17-AUG-15	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	17-AUG-15	Finding:	520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-AUG-15	Finding:	6.6e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	17-AUG-15	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	17-AUG-15	Finding:	1.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-SEP-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-AUG-13	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-AUG-12	Finding:	3.
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	1400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-AUG-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	20-AUG-12	Finding:	7.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	20-AUG-12	Finding:	3900.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-AUG-12	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	20-AUG-12	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	0.94
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	170.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	20-AUG-12	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	20-AUG-12	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-AUG-12	Finding:	20.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	46.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	16.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	51.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	20-AUG-12	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 1.
 Sample date: 20-AUG-12 Finding: 530.
 Chemical: SPECIFIC CONDUCTANCE Report units: US
 Dir: 0.

**A4
 South
 1/2 - 1 Mile
 Higher**

CA WELLS CALLNL000001328

Well ID: 101036 Well Type: MUNICIPAL
 Source: Lawrence Livermore National Laboratory
 Other Name: 06S/01W-33R05 M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: Not Reported
 GeoTracker Data: Not Reported

Chemical: Krypton Results: .000000108118
 Units: cm3STP/g Date: 10/04/2001

Chemical: Tritium (Hydrogen 3) Results: 2.48
 Units: pCi/L Date: 04/22/2002

Chemical: Helium-4 Results: .000000135447
 Units: cm3STP/g Date: 10/04/2001

Chemical: Argon Results: .000482701
 Units: cm3STP/g Date: 10/04/2001

Chemical: Helium-3/Helium-4 Results: .00000122324
 Units: atom ratio Date: 10/04/2001

Chemical: Xenon Results: .00000000926698
 Units: cm3STP/g Date: 10/04/2001

Chemical: Neon Results: .000000472453
 Units: cm3STP/g Date: 10/04/2001

**B5
 East
 1/2 - 1 Mile
 Higher**

CA WELLS CADWR0000021480

Well ID: 06S01W34L002M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W34L002M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W34L002M&store_num=
 GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B6
East
1/2 - 1 Mile
Higher

CA WELLS CADWR0000033978

Well ID: 06S01W34L001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W34L001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W34L001M&store_num=
 GeoTracker Data: Not Reported

7
SSW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000024531

Well ID: 07S01W04B001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 07S01W04B001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=07S01W04B001M&store_num=
 GeoTracker Data: Not Reported

C8
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000134760

Well ID: SL0608595400-MW-01A Well Type: MONITORING
 Source: EDF Other Name: MW-01A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-01A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-01A

C9
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000141674

Well ID: SL721241222-MW-01A Well Type: MONITORING
 Source: EDF Other Name: MW-01A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-01A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-01A

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

10
ESE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000020093

Well ID: 06S01W34P001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W34P001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W34P001M&store_num=
 GeoTracker Data: Not Reported

11
NW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000030415

Well ID: 06S01W33C001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W33C001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W33C001M&store_num=
 GeoTracker Data: Not Reported

C12
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000010347

Well ID: SL0608595400-MW-10B Well Type: MONITORING
 Source: EDF Other Name: MW-10B
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-10B&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-10B

C13
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000061083

Well ID: SL721241222-MW-10B Well Type: MONITORING
 Source: EDF Other Name: MW-10B
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-10B&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-10B

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C14
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000128059

Well ID:	SL0608595400-MW-21A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-21A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-21A		

C15
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000058689

Well ID:	SL0608595400-PW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=PW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=PW-1		

C16
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000117809

Well ID:	SL721241222-MW-04B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-04B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-04B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-04B		

C17
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000129221

Well ID:	SL0608595400-MW-04B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-04B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-04B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-04B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D18
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000048573

Well ID:	SL721241222-PW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=PW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=PW-3		

D19
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000076448

Well ID:	SL0608595400-PW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=PW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=PW-3		

D20
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000110016

Well ID:	SL721241222-MW-07A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-07A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-07A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-07A		

D21
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000121832

Well ID:	SL0608595400-MW-07A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-07A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-07A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-07A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D22
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000079452

Well ID:	SL721241222-MW-37A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-37A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-37A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-37A		

D23
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000037367

Well ID:	SL0608595400-MW-02A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-02A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-02A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-02A		

D24
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000083173

Well ID:	SL721241222-MW-20B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-20B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-20B		

D25
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000045677

Well ID:	SL0608595400-MW-20B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-20B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-20B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D26
North
1/2 - 1 Mile
Lower

CA WELLS CADWR0000019966

Well ID: 06S01W28R001M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W28R001M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W28R001M&store_num=
 GeoTracker Data: Not Reported

D27
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000102054

Well ID: SL0608595400-MW-03B1 Well Type: MONITORING
 Source: EDF Other Name: MW-03B1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-03B1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-03B1

D28
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000078126

Well ID: SL721241222-MW-03B1 Well Type: MONITORING
 Source: EDF Other Name: MW-03B1
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-03B1&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-03B1

D29
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000042452

Well ID: SL0608595400-MW-08A Well Type: MONITORING
 Source: EDF Other Name: MW-08A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-08A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-08A

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D30
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000021959

Well ID:	SL721241222-MW-12B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-12B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-12B		

D31
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000019844

Well ID:	SL0608595400-MW-12B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-12B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-12B		

D32
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000139862

Well ID:	SL721241222-MW-12A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-12A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-12A		

D33
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000042470

Well ID:	SL0608595400-MW-12A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-12A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-12A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E34
WSW
1/2 - 1 Mile
Higher

CA WELLS CADDW0000010632

Well ID:	4310012-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 12	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310012-013&store_num=		
GeoTracker Data:	Not Reported		

E35
WSW
1/2 - 1 Mile
Higher

CA WELLS 6856

Seq:	6856	Prim sta c:	06S/01W-33N01 M
Frds no:	4310012013	County:	43
District:	05	User id:	HEN
System no:	4310012	Water type:	G
Source nam:	WELL 12	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	372147.0	Longitude:	1215907.0
Precision:	5	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310012	System nam:	City Of Santa Clara
Hqname:	Not Reported	Address:	1500 WARBURTON AVE
City:	SANTA CLARA	State:	CA
Zip:	95050	Zip ext:	Not Reported
Pop serv:	94925	Connection:	23702
Area serve:	SANTA CLARA CITY		
Sample date:	14-AUG-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-AUG-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-SEP-15	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	03-SEP-15	Finding:	8.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	24-AUG-15	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	24-AUG-15	Finding:	430.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	24-AUG-15	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	24-AUG-15	Finding:	0.13
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	24-AUG-15	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	24-AUG-15	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	74.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	280.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-AUG-15	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	24-AUG-15	Finding:	680.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-AUG-15	Finding:	6.5e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	24-AUG-15	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	24-AUG-15	Finding:	4.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-AUG-15	Finding:	46.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	3.
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	20-AUG-12	Finding:	6.7e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	20-AUG-12	Finding:	6400.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	20-AUG-12	Finding:	420.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	0.93
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	3.
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	20-AUG-12	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	20-AUG-12	Finding:	36.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-AUG-12	Finding:	43.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	1.4
Chemical:	POTASSIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	20-AUG-12	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	82.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-AUG-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	20-AUG-12	Finding:	680.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-AUG-12	Finding:	4200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		

**E36
WSW
1/2 - 1 Mile
Higher**

CA WELLS CAUSGSN00001124

Well ID:	USGS-372141121591101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372141121591101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp_date=&global_id=&assigned_name=USGS-372141121591101&store_num=		
GeoTracker Data:	Not Reported		

**E37
WSW
1/2 - 1 Mile
Higher**

CA WELLS CAUSGS000001606

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D38
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000056415

Well ID:	SL721241222-MW-18A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-18A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-18A		

D39
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000084568

Well ID:	SL0608595400-MW-19A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-19A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-19A		

D40
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000046877

Well ID:	SL721241222-MW-19A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-19A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-19A		

41
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000085818

Well ID:	SL18275696-AV-3	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D42
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000018144

Well ID:	SL721241222-MW-17A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-17A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-17A		

D43
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000089643

Well ID:	SL0608595400-MW-17A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-17A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-17A		

F44
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000036559

Well ID:	T10000012468-PZ-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012468&assigned_name=PZ-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012468&assigned_name=PZ-4		

F45
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000061755

Well ID:	T10000012468-PZ-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012468&assigned_name=PZ-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012468&assigned_name=PZ-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G46
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000000218

Well ID:	T0608500721-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW1		

G47
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000070736

Well ID:	T0608500721-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW2		

H48
WNW
1/2 - 1 Mile
Higher

CA WELLS CADDW0000001175

Well ID:	4310012-022	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 21	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310012-022&store_num=		
GeoTracker Data:	Not Reported		

H49
WNW
1/2 - 1 Mile
Higher

CA WELLS CALLNL0000000517

Well ID:	101078	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	06S/01W-32H01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Xenon	Results:	.0000000666675
Units:	cm3STP/g	Date:	03/26/2002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	Neon	Results:	.000000552761
Units:	cm3STP/g	Date:	03/26/2002
Chemical:	Argon	Results:	.000556921
Units:	cm3STP/g	Date:	03/26/2002
Chemical:	Tritium (Hydrogen 3)	Results:	1.44
Units:	pCi/L	Date:	02/27/2002
Chemical:	Helium-4	Results:	.000000120324
Units:	cm3STP/g	Date:	03/26/2002
Chemical:	Krypton	Results:	.000000110846
Units:	cm3STP/g	Date:	03/26/2002
Chemical:	Helium-3/Helium-4	Results:	.00000135068
Units:	atom ratio	Date:	03/26/2002

**H50
WNW
1/2 - 1 Mile
Higher**

CA WELLS CAUSGSN00007747

Well ID:	USGS-372212121591401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-372212121591401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-372212121591401&store_num=		
GeoTracker Data:	Not Reported		

**G51
ESE
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000135132

Well ID:	T0608500721-MW5B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW5B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW5B		

**H52
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS40000182565

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006S001W32H001M	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	650
Well Depth Units:	ft	Well Hole Depth:	650
Well Hole Depth Units:	ft		

G53
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000022716

Well ID:	T0608500721-BF1	Well Type:	MONITORING
Source:	EDF	Other Name:	BF1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=BF1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=BF1		

G54
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000076001

Well ID:	T0608500721-MW5C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW5C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW5C		

G55
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000009452

Well ID:	T0608500721-MW5A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW5A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G56
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000020348

Well ID:	T0608500721-MW6B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW6B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW6B		

G57
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000013545

Well ID:	T0608500721-MW6C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW6C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW6C		

G58
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000064263

Well ID:	T0608500721-MW6A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW6A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW6A		

G59
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000023722

Well ID:	T0608500721-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I60
NNE
1/2 - 1 Mile
Lower

CA WELLS CADWR0000033007

Well ID: 06S01W27N003M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W27N003M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W27N003M&store_num=
 GeoTracker Data: Not Reported

I61
NNE
1/2 - 1 Mile
Lower

CA WELLS CADWR0000028326

Well ID: 06S01W27N004M Well Type: UNK
 Source: Department of Water Resources
 Other Name: 06S01W27N004M GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=06S01W27N004M&store_num=
 GeoTracker Data: Not Reported

G62
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000117702

Well ID: T0608500721-BF4 Well Type: MONITORING
 Source: EDF Other Name: BF4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=BF4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=BF4

G63
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000043193

Well ID: T0608500721-MW4 Well Type: MONITORING
 Source: EDF Other Name: MW4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G64
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000017123

Well ID:	T0608500721-MW7C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW7C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW7C		

H65
WNW
1/2 - 1 Mile
Higher

CA WELLS 6855

Seq:	6855	Prim sta c:	06S/01W-32H01 M
Frds no:	4310012022	County:	43
District:	05	User id:	HEN
System no:	4310012	Water type:	G
Source nam:	WELL 21	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	372213.0	Longitude:	1215912.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310012	System nam:	City Of Santa Clara
Hqname:	Not Reported	Address:	1500 WARBURTON AVE
City:	SANTA CLARA	State:	CA
Zip:	95050	Zip ext:	Not Reported
Pop serv:	94925	Connection:	23702
Area serve:	SANTA CLARA CITY		
Sample date:	23-JAN-18	Finding:	2.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	23-JAN-18	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	23-JAN-18	Finding:	1.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	23-JAN-18	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	23-JAN-18	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	73.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	ALUMINUM	Report units:	UG/L
Dir:	50.		
Sample date:	23-JAN-18	Finding:	120.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	23-JAN-18	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	23-JAN-18	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dir:	1.		
Sample date:	23-JAN-18	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-JAN-18	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	23-JAN-18	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	23-JAN-18	Finding:	210.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	57.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	35.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	1.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	23-JAN-18	Finding:	31.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	23-JAN-18	Finding:	0.15
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	23-JAN-18	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	12-AUG-13	Finding:	0.1
Chemical:	DCPA (TOTAL DI & MONO ACID DEGRADATES)	Dir:	0.
Report units:	UG/L		
Sample date:	12-AUG-13	Finding:	2300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	12-AUG-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	12-AUG-13	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	12-AUG-13	Finding:	6500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	12-AUG-13	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	0.94
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	12-AUG-13	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	12-AUG-13	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	12-AUG-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	12-AUG-13	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.	Finding:	61.
Sample date:	12-AUG-13	Report units:	MG/L
Chemical:	CALCIUM		
Dir:	0.		
Sample date:	12-AUG-13	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	43.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	12-AUG-13	Finding:	29.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	25-FEB-13	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

F66
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000076339

Well ID:	T10000012468-PZ-3	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012468&assigned_name=PZ-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012468&assigned_name=PZ-3		

G67
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000101526

Well ID:	T0608500721-MW7B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW7B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW7B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G68
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000105924

Well ID:	T0608500721-MW7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500721&assigned_name=MW7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500721&assigned_name=MW7A		

69
WSW
1/2 - 1 Mile
Higher

CA WELLS CALLNL000000660

Well ID:	101037	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	06S/01W-33N01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-4	Results:	.0000000161501
Units:	cm3STP/g	Date:	02/14/2002

Chemical:	Neon	Results:	.000000132108
Units:	cm3STP/g	Date:	02/14/2002

Chemical:	Tritium (Hydrogen 3)	Results:	9.34
Units:	pCi/L	Date:	04/18/2002

Chemical:	Argon	Results:	.000157888
Units:	cm3STP/g	Date:	02/14/2002

Chemical:	Krypton	Results:	.0000000302855
Units:	cm3STP/g	Date:	02/14/2002

Chemical:	Helium-3/Helium-4	Results:	.00000126573
Units:	atom ratio	Date:	02/14/2002

Chemical:	Xenon	Results:	.00000000328944
Units:	cm3STP/g	Date:	02/14/2002

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

70
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000082662

Well ID:	T10000012468-PZ-1	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012468&assigned_name=PZ-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012468&assigned_name=PZ-1		

J71
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000047116

Well ID:	SL0608595400-MW-25A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-25A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-25A		

J72
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000033737

Well ID:	SL721241222-MW-25B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-25B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-25B		

J73
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000126354

Well ID:	SL721241222-MW-25A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-25A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-25A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J74
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000107131

Well ID:	SL0608595400-MW-25B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-25B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-25B		

K75
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000109804

Well ID:	SL18275696-AV-E4	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-E4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-E4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-E4		

L76
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000043113

Well ID:	SL0608595400-MW-30A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-30A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-30A		

L77
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000104946

Well ID:	SL721241222-MW-30A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-30A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-30A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K78
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000124413

Well ID:	SL18275696-AV-4B	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-4B		

J79
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000127072

Well ID:	SL0608595400-PW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=PW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=PW-4		

J80
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000106686

Well ID:	SL721241222-PW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=PW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=PW-4		

K81
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000055367

Well ID:	SL18275696-AV-E2	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-E2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-E2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-E2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K82
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000038084

Well ID:	SL18275696-AV-4A	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-4A		

K83
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000016153

Well ID:	SL18275696-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=MW-14		

84
NE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000015931

Well ID:	T10000012468-PZ-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PZ-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000012468&assigned_name=PZ-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000012468&assigned_name=PZ-2		

K85
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000089304

Well ID:	SL18275696-AV-7B	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-7B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-7B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-7B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

86
South
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000042192

Well ID: T10000000901-MW9 Well Type: MONITORING
 Source: EDF Other Name: MW9
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000901&assigned_name=MW9&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000901&assigned_name=MW9

M87
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000097744

Well ID: SL721241222-MW-35A Well Type: MONITORING
 Source: EDF Other Name: MW-35A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-35A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-35A

M88
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000041593

Well ID: SL721241222-MW-36A Well Type: MONITORING
 Source: EDF Other Name: MW-36A
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-36A&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-36A

M89
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000021198

Well ID: SL721241222-PW-5 Well Type: MONITORING
 Source: EDF Other Name: PW-5
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=PW-5&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=PW-5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N90
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000101986

Well ID:	T0608501874-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-5		

N91
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000130958

Well ID:	T0608501874-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-2		

92
SW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000007174

Well ID:	07S01W04D001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	07S01W04D001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=07S01W04D001M&store_num=		
GeoTracker Data:	Not Reported		

N93
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000114001

Well ID:	T0608501874-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M94
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000020230

Well ID:	SL721241222-MW-28A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-28A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-28A		

N95
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000069679

Well ID:	T0608501874-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-1		

N96
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000071315

Well ID:	T0608501874-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-7		

O97
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000127252

Well ID:	SL18275696-AV-E6	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-E6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-E6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-E6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

98
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000084216

Well ID:	T0608501874-STMW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	STMW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=STMW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=STMW-13		

M99
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000065492

Well ID:	SL721241222-MW-29A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL721241222&assigned_name=MW-29A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL721241222&assigned_name=MW-29A		

M100
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000037650

Well ID:	SL0608595400-MW-29A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0608595400&assigned_name=MW-29A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0608595400&assigned_name=MW-29A		

N101
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000046723

Well ID:	T0608501874-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N102
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000139314

Well ID:	T0608501874-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-6		

O103
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000108590

Well ID:	SL18275696-AV-13	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-13		

O104
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000084727

Well ID:	SL18275696-AV-E5	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-E5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-E5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-E5		

N105
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000081575

Well ID:	T0608501874-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N106
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000135511

Well ID:	T0608501874-STMW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	STMW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=STMW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=STMW-12		

N107
ESE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000066206

Well ID:	T0608501874-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608501874&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608501874&assigned_name=MW-8		

O108
North
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000080134

Well ID:	SL18275696-AV-12B	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-12B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-12B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-12B		

P109
SW
1/2 - 1 Mile
Higher

CA WELLS 7720

Seq:	7720	Prim sta c:	07S/01W-04D01 M
Frds no:	4310012015	County:	43
District:	05	User id:	HEN
System no:	4310012	Water type:	G
Source nam:	WELL 14	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	372129.0	Longitude:	1215907.0
Precision:	5	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comment 7:	Not Reported		
System no:	4310012	System nam:	City Of Santa Clara
Hqname:	Not Reported	Address:	1500 WARBURTON AVE
City:	SANTA CLARA	State:	CA
Zip:	95050	Zip ext:	Not Reported
Pop serv:	94925	Connection:	23702
Area serve:	SANTA CLARA CITY		
Sample date:	19-AUG-15	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-15	Finding:	3.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-AUG-15	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	19-AUG-15	Finding:	390.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	19-AUG-15	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	19-AUG-15	Finding:	24.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	19-AUG-15	Finding:	42.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	1.2
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	36.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	67.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	19-AUG-15	Finding:	3.6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	NITRATE (AS N) 0.4	Report units:	MG/L
Sample date: Chemical: Dir:	19-AUG-15 BICARBONATE ALKALINITY 0.	Finding: Report units:	270. MG/L
Sample date: Chemical: Dir:	19-AUG-15 ALKALINITY (TOTAL) AS CaCO3 0.	Finding: Report units:	220. MG/L
Sample date: Chemical: Dir:	19-AUG-15 PH, LABORATORY 0.	Finding: Report units:	8. Not Reported
Sample date: Chemical: Dir:	19-AUG-15 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	630. US
Sample date: Chemical: Dir:	19-AUG-15 TURBIDITY, LABORATORY 0.1	Finding: Report units:	8.e-002 NTU
Sample date: Chemical: Dir:	22-AUG-12 GROSS BETA MDA95 0.	Finding: Report units:	3. PCI/L
Sample date: Chemical: Dir:	22-AUG-12 GROSS ALPHA MDA95 0.	Finding: Report units:	3. PCI/L
Sample date: Chemical: Dir:	22-AUG-12 NITRATE + NITRITE (AS N) 0.4	Finding: Report units:	3800. MG/L
Sample date: Chemical: Dir:	22-AUG-12 AGGRSSIVE INDEX (CORROSIVITY) 0.	Finding: Report units:	13. Not Reported
Sample date: Chemical: Dir:	22-AUG-12 TURBIDITY, LABORATORY 0.1	Finding: Report units:	0.16 NTU
Sample date: Chemical: Dir:	22-AUG-12 CARBON DIOXIDE 0.	Finding: Report units:	5700. UG/L
Sample date: Chemical: Dir:	22-AUG-12 LANGELIER INDEX @ 60 C 0.	Finding: Report units:	1.1 Not Reported
Sample date: Chemical: Dir:	22-AUG-12 TOTAL DISSOLVED SOLIDS 0.	Finding: Report units:	370. MG/L
Sample date: Chemical: Dir:	22-AUG-12 GROSS BETA COUNTING ERROR 0.	Finding: Report units:	1.3 PCI/L
Sample date: Chemical: Dir:	22-AUG-12 GROSS ALPHA COUNTING ERROR 0.	Finding: Report units:	2.7 PCI/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-AUG-12	Finding:	160.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-AUG-12	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-AUG-12	Finding:	23.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-AUG-12	Finding:	43.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	1.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	39.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	21.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	71.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	260.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-12	Finding:	640.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-AUG-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		

Q110
South
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000041339

Well ID:	T10000000901-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000901&assigned_name=MW8&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000901&assigned_name=MW8

Q111
South
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000137593

Well ID:	T10000000901-MW8A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000901&assigned_name=MW8A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000901&assigned_name=MW8A		

112
South
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000082263

Well ID:	T10000000901-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000901&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000901&assigned_name=MW7		

P113
SW
1/2 - 1 Mile
Higher

CA WELLS CADDW0000001208

Well ID:	4310012-015	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 14 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=4310012-015&store_num=		
GeoTracker Data:	Not Reported		

P114
SW
1/2 - 1 Mile
Higher

CA WELLS CALLNL000000593

Well ID:	101018	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	07S/01W-04D01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Tritium (Hydrogen 3)	Results:	2.66
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Units:	pCi/L	Date:	05/30/2002
Chemical:	Krypton	Results:	.000000114502
Units:	cm3STP/g	Date:	12/03/2002
Chemical:	Helium-4	Results:	.000000113445
Units:	cm3STP/g	Date:	12/03/2002
Chemical:	Neon	Results:	.000000521629
Units:	cm3STP/g	Date:	12/03/2002
Chemical:	Argon	Results:	.000506155
Units:	cm3STP/g	Date:	12/03/2002
Chemical:	Xenon	Results:	.0000000141309
Units:	cm3STP/g	Date:	12/03/2002
Chemical:	Helium-3/Helium-4	Results:	.00000133658
Units:	atom ratio	Date:	12/03/2002

**115
North
1/2 - 1 Mile
Lower**

CA WELLS CAEDF0000117380

Well ID:	SL18275696-AV-11	Well Type:	MONITORING
Source:	EDF	Other Name:	AV-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL18275696&assigned_name=AV-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL18275696&assigned_name=AV-11		

**Q116
South
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000117432

Well ID:	T10000000901-MW13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000000901&assigned_name=MW13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000000901&assigned_name=MW13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q117
South
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000088529

Well ID:	T1000000901-MW13A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW13A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T1000000901&assigned_name=MW13A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T1000000901&assigned_name=MW13A		

118
SSW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000140244

Well ID:	T0608500931-E20	Well Type:	MONITORING
Source:	EDF	Other Name:	E20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608500931&assigned_name=E20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608500931&assigned_name=E20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95051	42	0

Federal EPA Radon Zone for SANTA CLARA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 95051

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.613 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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BRACHER ELEMENTARY SCHOOL
2700 CHROMITE DR
SANTA CLARA, CA 95051

Inquiry Number: 7332957.2S
MAY 11, 2023

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

BRACHER ELEMENTARY SCHOOL
2700 CHROMITE DR
SANTA CLARA, CA 95051

RESEARCH SOURCE

JUDICIAL RECORDS **NOT** SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION **DOES NOT** REQUIRE A SEARCH OF JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

Source 1: SANTA CLARA COUNTY RECORDER'S OFFICE
Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: N/A
Current Owner: SANTA CLARA UNIFIED S D
Property Identifiers: 216-14-001
Comments: NO DEED FOUND 1980 - PRESENT.

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found Not Found

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments: NONE IDENTIFIED.

Bracher Elementary School

2700 Chromite Dr
Santa Clara, CA 95051

Inquiry Number: 7328595.5

May 05, 2023

The EDR-City Directory Abstract

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Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2006	Haines Company, Inc.	-	-	-	-
2005	Cole Information	X	X	X	-
2001	Haines Company, Inc.	-	X	X	-
2000	Cole Information	X	X	X	-
1996	Pacific Bell	X	X	X	-
1995	Cole Information	X	X	X	-
1992	Cole Information	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	X	X	X	-
1986	Pacific Bell	X	X	X	-
1985	Pacific Bell	X	X	X	-
1982	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1978	R. L. Polk & Co.	-	-	-	-
1975	Pacific Telephone	X	X	X	-
1974	R. L. Polk Co.	X	X	X	-
1970	R. L. Polk & Co.	X	X	X	-
1968	R. L. Polk Co.	-	-	-	-
1966	R. L. POLK	-	-	-	-
1965	R. L. Polk Co.	-	-	-	-
1964	R. L. Polk Co.	-	-	-	-
1963	Pacific Telephone	X	X	X	-
1962	R. L. Polk & Co.	-	-	-	-
1960	R. L. Polk Co.	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1955	R.L. Polk and Co Publishers	-	-	-	-
1950	R. L. Polk Co.	-	-	-	-
1946	R. L. Polk Co.	-	-	-	-
1945	R. L. Polk Co.	-	-	-	-
1942	R.L. Polk	-	-	-	-
1940	R. L. Polk Co.	-	-	-	-
1936	R. L. Polk Co.	-	-	-	-
1935	R. L. Polk Co.	-	-	-	-
1931	R. L. Polk Co.	-	-	-	-
1930	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk Co.	-	-	-	-
1925	R. L. Polk Co.	-	-	-	-
1922	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
Bowers Avenue	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2700 Chromite Dr
Santa Clara, CA 95051

FINDINGS DETAIL

Target Property research detail.

CHROMITE DR

2700 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRACHER ELEMENTARY SCHOOL	EDR Digital Archive
2014	BRACHER ELEMENTARY	Cole Information
2010	BRACHER ELEMENTARY SCHOOL	Cole Information
2005	SANTA CLARAS HIS GLR CHRCH	Cole Information
2000	BRACHER ELEMENTARY SCHOOL	Cole Information
	SANTA CLARA UNIFIED SCHOOL DISTRICT SCHOOLS	Cole Information
1996	BRACHER	Pacific Bell
	ELEMENTARY SCHOOL	Pacific Bell
1995	BRACHER ELEMENTARY SCHOOL	Cole Information
1992	BRACHER ELEM SCHOOL	Cole Information
	SCLAR SC BRACHER C	Cole Information
1991	Bracher C C	PACIFIC BELL WHITE PAGES
	Bracher Elementary School	PACIFIC BELL WHITE PAGES
	S AN TA CLARA UN IFIE D S CHOO L DIS TRICT	PACIFIC BELL WHITE PAGES
	SANTA CLARA UNIFIED SCHOOL DISTRICT	PACIFIC BELL WHITE PAGES
1986	Bracher Elementary School	Pacific Bell
1985	BRACHER ELEMENTARY SCHOOL	Pacific Bell
1980	Bracher	Pacific Telephone
	SANTA CLARA UNIFIED SCHOOL DISTRICT IContd District Office Contd Business Services Contd	Pacific Telephone
1975	BRACHER SCHOOL	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	SANTA CLARA UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION ADMINISTRATION BUILD	Pacific Telephone
1974	Bracher School	R. L. Polk Co.
1970	Bracher School	R. L. Polk & Co.
1963	Bracher School	Pacific Telephone
	Jefferson Union School District Administration Building	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ALHAMBRA DR

2520 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Llompert Wil He	Pacific Telephone

ALHAMBRA DR

2500 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LUZ HERNANDEZ	EDR Digital Archive
	ADRIAN RUIZ	EDR Digital Archive
	FELIX RUIZ	EDR Digital Archive
	JENNIFER WEIR	EDR Digital Archive
	DIANA RUIZ	EDR Digital Archive
2017	JAIME RAMIREZ	Cole Information
	EDWIN RUIZ	Cole Information
2014	FELIZ RUIZ	Cole Information
	VIRGINIA ALESANDRO	Cole Information
	J HERNANDEZ	Cole Information
	ALFHOUS WEIR	Cole Information
2010	RUPERTO ALEJANDRO	Cole Information
	RICARDO ARMENTA	Cole Information
	FELIZ RUIZ	Cole Information
2005	GURBINDER MANGAT	Cole Information
	RODOLFO RODRIGUEZ	Cole Information
	EUSTACIO MARTINEZ	Cole Information
2001	EDWIN Wrlmar	Haines Company, Inc.
2000	WILMAR EDWIN	Cole Information
1995	GEORGE, RAJESH	Cole Information
1992	CHOE, BRIAN S	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	CHOE BYEONG	PACIFIC BELL WHITE PAGES
	CHOI WON K	PACIFIC BELL WHITE PAGES
	Choe Byeong	PACIFIC BELL WHITE PAGES
	Choi Won K	PACIFIC BELL WHITE PAGES
1986	Choe Byeong	Pacific Bell
	Chol Won K	Pacific Bell
1985	CHOE BYEONG	Pacific Bell
	JACOB EUFEMIO	Pacific Bell
1980	Jacob Eufemio	Pacific Telephone
	Kang Choung	Pacific Telephone
1975	JACKSON ROBT D	Pacific Telephone
1974	Alhambra Garden Apartments	R. L. Polk Co.
	A Lucero G	R. L. Polk Co.
	B Hart Pamela J	R. L. Polk Co.
	C Vacant	R. L. Polk Co.
	D Vacant	R. L. Polk Co.
1970	Alhambra Garden Apartments	R. L. Polk & Co.
	A Ozier Alf E B Case Robt	R. L. Polk & Co.
	C May Geo	R. L. Polk & Co.
	D Duffek Mary K Mrs	R. L. Polk & Co.

2509 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PISONE MOEGA	EDR Digital Archive
	EDITH MARTINEZ	EDR Digital Archive
	EUSTACIO MARTINEZ	EDR Digital Archive
2017	ANA ALHAMBRA	Cole Information
	PISONE MOEGA	Cole Information
	LUIS MARTINEZ	Cole Information
	ROBERTO ESPARZA	Cole Information
2014	PISONE MOEGA	Cole Information
	TANUMIA GLASS	Cole Information
	LUIS QUINONES	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ROBERTO ESPARZA	Cole Information
2010	ANA RIVERA	Cole Information
	CECILIA NOLASCO	Cole Information
	PENELOPE MOEGA	Cole Information
	IMELDA RAMIREZ	Cole Information
	EUSTACIO MARTINEZ	Cole Information
	ROBERTO ESPARZA	Cole Information
	2005	BRIAN TAPULOA
	FAATAAGA FEALOFAI	Cole Information
	SOANE PALU	Cole Information
	TANUMIA GLASS	Cole Information
2001	XXXX	Haines Company, Inc.
2000	CECILIA NOLASCO	Cole Information
	PISONE MOEGA	Cole Information
	S BALASABI	Cole Information
	S PALU	Cole Information
1996	A De Guzman Benita	Pacific Bell
	C Pham Hung	Pacific Bell
1995	DEGUZMAN, BENITA	Cole Information
	ZHOU, GUANG Z	Cole Information
1992	CHOE, HON	Cole Information
	DEGUZMAN, DOMINGO S	Cole Information
	KOSCIELNAK, R C	Cole Information
1991	BAUTISTA ROSALINA	PACIFIC BELL WHITE PAGES
	KOSCIELNLAK RC	PACIFIC BELL WHITE PAGES
	Bautista Rosalina	PACIFIC BELL WHITE PAGES
	Koscielnak RC	PACIFIC BELL WHITE PAGES
1986	Choe Hon	Pacific Bell
1985	MUSANTE LUCILLE	Pacific Bell
	BRONAUGH KENNETH M	Pacific Bell
	CHOE HON	Pacific Bell
	LEE SEUNG C	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Musante Lucille	Pacific Telephone
1975	DE SILVA AUGUST	Pacific Telephone
1974	Apartments A N De Silva August	R. L. Polk Co.
	B Vacant	R. L. Polk Co.
	C Owens Wm	R. L. Polk Co.
	D White Nancy	R. L. Polk Co.
1970	Apartments A Charboneau Kathleen Mrs	R. L. Polk & Co.
	B Short Lonnie	R. L. Polk & Co.
	C Alderson Vivian Mrs D Hartman Jay	R. L. Polk & Co.
1963	Cartier Tom	Pacific Telephone

2510 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALBA JULIAN	EDR Digital Archive
2017	ALBA JULIAN	Cole Information
2014	JOSEFA CEJA	Cole Information
	DELFINA CEJA	Cole Information
	ALBA JULIAN	Cole Information
	HECTOR RIVAS	Cole Information
2010	SONIA GERONIMO	Cole Information
	SONIA JERONIMO	Cole Information
	ALBA JULIAN	Cole Information
2005	RIO DEL	Cole Information
	MAGDALENA DIAZ	Cole Information
	ALBA JULIAN	Cole Information
2001	KANGJae Chang	Haines Company, Inc.
2000	JAE KANG	Cole Information
1996	D Kang Jae Chung	Pacific Bell
1995	CASTILLO, ROLANDO	Cole Information
	UNDERWOOD, LILIAN R	Cole Information
	KANG, JAE C	Cole Information
1992	KANG, EUNSOOK	Cole Information
1991	I Kang Eunsook	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	K ng E	PACIFIC BELL WHITE PAGES
1986	Guerrero Sonia	Pacific Bell
	Kim Inshik	Pacific Bell
	Lamica Cindy & Eric	Pacific Bell
1985	GUERRERO SONIA	Pacific Bell
	KIM INSHIK	Pacific Bell
	LAMICA CINDY & ERIC	Pacific Bell
1980	Oh Hw a Ja	Pacific Telephone
	Peltonen Geo & Cheryl	Pacific Telephone
	Pezzella Phillip D	Pacific Telephone
1975	SCULPTRESS BRA S DISTRIBUTOR	Pacific Telephone
	WINGET JAY W	Pacific Telephone
1974	Apartments A Norkin Elliott	R. L. Polk Co.
	B Palumbo Patrick	R. L. Polk Co.
	C Winget Jay W	R. L. Polk Co.
	D N Wheaton Richard	R. L. Polk Co.
1970	Apartments A Norkin Elliott	R. L. Polk & Co.
	B Klotz Paul C Winget Jay W	R. L. Polk & Co.
	D Carpentier Edw J	R. L. Polk & Co.

2519 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	OPERATION ONE CHURCH	EDR Digital Archive
	SIPAIA FATUESI	EDR Digital Archive
	MARY FATUESI	EDR Digital Archive
2017	JUAN RIVAS	Cole Information
	KHOI DO	Cole Information
2014	BRIAN SALADA	Cole Information
	MARY FATUESI	Cole Information
	BAO NGUYEN	Cole Information
2010	SIPAIA FATUESI	Cole Information
	A AGUILAR	Cole Information
	HUNG NGUYEN	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CARDENAS QUALITY CLEANING SERVICE	Cole Information
	SIPAIA FATUESI	Cole Information
	VANESSA RIOS	Cole Information
	NORMA BRAVO	Cole Information
	CRISTINA OJEDA	Cole Information
2001	LENghinh	Haines Company, Inc.
	NGUYENTuyen	Haines Company, Inc.
	WINGETJay	Haines Company, Inc.
2000	TUYEN NGUYEN	Cole Information
	JAY WINGET	Cole Information
1996	A Nguyen Huan	Pacific Bell
	B Le Nghinh	Pacific Bell
1995	ALL BRILLIANT JANITORIAL SVC	Cole Information
	ZHOU, XIAN P	Cole Information
	NGUYEN, HUAN	Cole Information
	WINGET, JAY	Cole Information
1992	KOO, JA H	Cole Information
	WINGET, JAY	Cole Information
	ZHOU, X	Cole Information
1991	ALL BRILLIANT JANITORIAL SERVICE	PACIFIC BELL WHITE PAGES
	AVILES GILBERTO	PACIFIC BELL WHITE PAGES
	AVILES HAROLD & IRMA	PACIFIC BELL WHITE PAGES
	KOO JA N	PACIFIC BELL WHITE PAGES
	WINGET JAY	PACIFIC BELL WHITE PAGES
	All Brilliant Janitorial Service	PACIFIC BELL WHITE PAGES
	Aviles Gilberto	PACIFIC BELL WHITE PAGES
	Aviles Harold & Irma	PACIFIC BELL WHITE PAGES
	Koo Ja N	PACIFIC BELL WHITE PAGES
	Winget Jay	PACIFIC BELL WHITE PAGES
1986	Koo Ja H	Pacific Bell
	Winget Jay	Pacific Bell
1985	KOO JA H	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	METIRA PRASHANT	Pacific Bell
	WINGET JAY	Pacific Bell
1980	Kim Sin eui	Pacific Telephone
	ODell Michael	Pacific Telephone
	Salvatierra Danilo	Pacific Telephone
1975	MANRLOVE J	Pacific Telephone
	NICHOLS J	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	A Vacant	R. L. Polk Co.
	B Rodriguez Tonie C N Murdock Leonard	R. L. Polk Co.
	D Schroeder Denise	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	A Le Blanc Winifred Mrs	R. L. Polk & Co.
	A Falk Pauline Mrs	R. L. Polk & Co.
	B Davis Donald	R. L. Polk & Co.
	C Culbertson Michl A	R. L. Polk & Co.
	D Me Laughlin Ronald	R. L. Polk & Co.

2520 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DOLORES PADRON	EDR Digital Archive
	VICTOR PADRON	EDR Digital Archive
	MARIA PLASENCIA	EDR Digital Archive
	ISABEL IBARRA	EDR Digital Archive
2017	ROBERTO PLATA	Cole Information
	VICTOR PADRON	Cole Information
	MARIA PLASENCIA	Cole Information
	THOMAS AGUIRRE	Cole Information
2014	VICTOR PADRON	Cole Information
	KARINA PEREZ	Cole Information
	JORGE GARCIA	Cole Information
	HECTOR RAMIREZ	Cole Information
2010	ROBERTO SALINAS	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ROBERTO PLATA	Cole Information
	DOLORES PADRON	Cole Information
	MARIA PLASENCIA	Cole Information
	JORGE GARCIA	Cole Information
2005	DOLORES PADRON	Cole Information
	GONZALO GALVAN	Cole Information
	LUCELY BARAHONA	Cole Information
	TITO ROY	Cole Information
2001	TRAN Peler	Haines Company, Inc.
2000	PETER TRAN	Cole Information
	FRANK SEDILLO	Cole Information
1996	C Ip Peng Kin	Pacific Bell
	D Tran Loc	Pacific Bell
	F Ibarra Isabel	Pacific Bell
1992	POSEY, DUANE	Cole Information
	OROZCO, IDALIA	Cole Information
1991	SAN CRISTOBAL JORGE	PACIFIC BELL WHITE PAGES
	SONG KWANG II	PACIFIC BELL WHITE PAGES
	TRAPSI REDIENCIOM B	PACIFIC BELL WHITE PAGES
	San Cristobal Jorge	PACIFIC BELL WHITE PAGES
	Song Kw ang II	PACIFIC BELL WHITE PAGES
	Trapsi Redienciom B	PACIFIC BELL WHITE PAGES
1986	Griffin Paul M	Pacific Bell
	Koh Kyung J	Pacific Bell
	Nguyen Quoc	Pacific Bell
	Song Thomas	Pacific Bell
1985	GRIFFIN PAUL M	Pacific Bell
	KOH KYUNG J	Pacific Bell
	YOUN SUNYOUNGI	Pacific Bell
1980	No Sung Mu	Pacific Telephone
	Smith MA	Pacific Telephone
	Smith Mary Ann	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Truong Khuong	Pacific Telephone
1975	DUKES B	Pacific Telephone
	PAMPLONA LULS ALBERTO	Pacific Telephone
	SHIMADA IDA	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	A Vacant	R. L. Polk Co.
	B Stead Dolores	R. L. Polk Co.
	C Vacant	R. L. Polk Co.
	D N Schiaffino D J	R. L. Polk Co.
	E Vacant	R. L. Polk Co.
	F Rein John	R. L. Polk Co.
	G N Miller David	R. L. Polk Co.
	H N Sabado B	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	A Harmon Bill	R. L. Polk & Co.
	B Vacant	R. L. Polk & Co.
	C Kelso Frances Mrs	R. L. Polk & Co.
	D Fortenberry Marilyn Mrs E Stoddard Nvles P	R. L. Polk & Co.
	F Floyd Olie F	R. L. Polk & Co.
	G Morton Carol Mrs	R. L. Polk & Co.
	H Me Elroy Guy A	R. L. Polk & Co.

2528 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Dare Diane	Pacific Telephone

2529 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	PERCIVAL JUNSAY	Cole Information
	MARIS PASAOL	Cole Information
2014	GILBERTO RECINOS	Cole Information
	PERCIVAL JUNSAY	Cole Information
2010	HECTOR HERNANDEZ	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	TIN WONG	Cole Information
2005	VICTOR GARDEA	Cole Information
	LIZBETH HERNANDEZ	Cole Information
	YOLANDA GONZALEZ	Cole Information
	MIGUEL MARTINEZ	Cole Information
	R BERNARDINO	Cole Information
	MIRIAMA TAUA	Cole Information
2001	NGUYENTan	Haines Company, Inc.
	NGOYENThanh C	Haines Company, Inc.
	NGUYENTinh	Haines Company, Inc.
	PEREZJeseoca	Haines Company, Inc.
2000	TARUN MEHTA	Cole Information
	TINH NGUYEN	Cole Information
1996	A Nguyen Tinh	Pacific Bell
	C Tang Evangeline	Pacific Bell
1995	GARDEN PLUS	Cole Information
	SON, JONG L	Cole Information
1992	GARDEN PLUS	Cole Information
	SON, JONG L	Cole Information
1991	PNY OSITA G	PACIFIC BELL WHITE PAGES
	KIM CHON SU	PACIFIC BELL WHITE PAGES
	WASI AHMED & TANWEER	PACIFIC BELL WHITE PAGES
	Kim Chon Su	PACIFIC BELL WHITE PAGES
	PJ it	PACIFIC BELL WHITE PAGES
	Phy OSita G	PACIFIC BELL WHITE PAGES
	Wasi Ahmed & Tanw eer	PACIFIC BELL WHITE PAGES
1986	Song Yoon Bin	Pacific Bell
	Yi Chae K	Pacific Bell
1985	WASI AHMED & TANWEER	Pacific Bell
	JEON BYUNG K	Pacific Bell
	LIARE L KI	Pacific Bell
1974	Apartments	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	A No Return	R. L. Polk Co.
	B N Carson R	R. L. Polk Co.
	C N Connolly David	R. L. Polk Co.
	D N Law son William	R. L. Polk Co.
1970	Apartments A Beha Ronald U	R. L. Polk & Co.
	B Johnston Wm	R. L. Polk & Co.
	C Vacant	R. L. Polk & Co.
	D Salcido Henrv	R. L. Polk & Co.

2530 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MARTHA'S & CO HOUSE CLEANING	EDR Digital Archive
	ELENA LOPEZ	EDR Digital Archive
	RICARDO LOPEZ	EDR Digital Archive
2017	JUAN ARREOLA	Cole Information
	PEDRO JUNSAY	Cole Information
2014	ELENA LOPEZ	Cole Information
	PEDRO JUNSAY	Cole Information
	SANDRA MINNIE	Cole Information
2010	JOSE CERVANTES	Cole Information
	DUNG VU	Cole Information
	RICARDO LOPEZ	Cole Information
	RODOLFO RODRIGUEZ	Cole Information
2005	VCN NETWORK CO	Cole Information
	H BARRES	Cole Information
	ALEX BAUTISTA	Cole Information
2001	ALVAREZLuis Eresto	Haines Company, Inc.
	RAMOSJoaqain	Haines Company, Inc.
	RAMOSRina	Haines Company, Inc.
	RUIZMara	Haines Company, Inc.
2000	JOAQUIN RAMOS	Cole Information
1996	D Ramos Joaquin & Rina	Pacific Bell
1995	ZUNIGA, DONALD	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TON, NGUYEN C	Cole Information
1992	YEE, WING J	Cole Information
	TON, NGUYEN C	Cole Information
1991	TON NGUYEN CHAN	PACIFIC BELL WHITE PAGES
	YEE WING JAKE	PACIFIC BELL WHITE PAGES
	Ton Nguyen Chan	PACIFIC BELL WHITE PAGES
	Yee Wing Jake	PACIFIC BELL WHITE PAGES
1986	Grew al J	Pacific Bell
	Kim Kyung C	Pacific Bell
	Kim Mokyung	Pacific Bell
1985	GREWAL J	Pacific Bell
	KIM KYUNG C	Pacific Bell
	KIM MOKYUNG	Pacific Bell
1980	Kim Mokyung	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	A N Rankin Richd	R. L. Polk Co.
	B N Sow er A	R. L. Polk Co.
	C Vacant	R. L. Polk Co.
	D N Palmer Noel	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	A Me Quarrie Shirlev Mrs	R. L. Polk & Co.
	B Curtis Ronald W	R. L. Polk & Co.
	C Vacant	R. L. Polk & Co.
	D Santos Laura Mrs	R. L. Polk & Co.

2540 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	PINKY LIM	Cole Information
	HENRY CALDERON	Cole Information
2014	JORGE GARCIA	Cole Information
	JORGE CHABARRIA	Cole Information
	MARIA SORIA	Cole Information
	HENRY CALDERON	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CECILIA MORA	Cole Information
2010	JORGE CHABARRIA	Cole Information
	JUANA PEREZ	Cole Information
	HENRY CALDERON	Cole Information
2005	JORGE GARCIA	Cole Information
	JORGE CHABARRIA	Cole Information
	MARIA JACUINDE	Cole Information
	HENRY CALDERON	Cole Information
	DANIEL CORTEZ	Cole Information
2001	LYPhuong My	Haines Company, Inc.
2000	E PLACENCIA	Cole Information
	S GONZALEZ	Cole Information
	GIBERTO TORRES	Cole Information
	PHUONG LY	Cole Information
	ANA SALGADO	Cole Information
1996	B Ly Phuong My	Pacific Bell
	C Nguyen Think V	Pacific Bell
1995	PEEBLES, YVONNE	Cole Information
	LY, PHUONG M	Cole Information
	ESTRELLA, G	Cole Information
1992	EATON, JOE J	Cole Information
	LY, PHUONG M	Cole Information
1991	SON JONG L	PACIFIC BELL WHITE PAGES
	ZAVALA MARIO & MARTHA	PACIFIC BELL WHITE PAGES
	Son Jong L	PACIFIC BELL WHITE PAGES
	Zavala Mario & Martha	PACIFIC BELL WHITE PAGES
1986	Aviles Gilberto	Pacific Bell
	Zavala Mario & Martha	Pacific Bell
1985	AVILES GILBERTO	Pacific Bell
	ZAVALA MALRIO & MARTHA	Pacific Bell
1980	Aviles Gilberto	Pacific Telephone
	Siddiq Mohammed	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	TRIPPL A	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	A N Reulman S B N Harris Jo	R. L. Polk Co.
	C N Davis W D N SShort Fran	R. L. Polk Co.
	E N Wiechter Joseph	R. L. Polk Co.
	F N Stiff R G N Flor Walter	R. L. Polk Co.
	H Smith Mary A Mrs	R. L. Polk Co.
1970	Apartments A Brow n Daryl G	R. L. Polk & Co.
	B Strickland John	R. L. Polk & Co.
	C Fow ler Frieda Mrs	R. L. Polk & Co.
	D Vacant	R. L. Polk & Co.
	E Vacant	R. L. Polk & Co.
	F Schenk David J	R. L. Polk & Co.
	G Me Coy Joan L Mrs	R. L. Polk & Co.
	H Vacant	R. L. Polk & Co.

2546 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ANTONIO JIMENEZ	Cole Information
2010	ANTONIO JIMENEZ	Cole Information

2550 ALHAMBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LUZ MORENO	EDR Digital Archive
	JOSEFINA CARDENAS	EDR Digital Archive
	LIBORIO CARDENAS	EDR Digital Archive
2017	MARILYN JIMENEZ	Cole Information
	LIBORIO CARDENAS	Cole Information
	ANA MORENO	Cole Information
	DYEANNA MORENO	Cole Information
2014	SANDERS CHRISTINA	Cole Information
	LIBORIO CARDENAS	Cole Information
	RONNY RODRIGUEZ	Cole Information
	LUISA SANCHEZ	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	USA APPLIANCE SVC	Cole Information
	FAIUMU TAAMU	Cole Information
	HILDER VEGA	Cole Information
	LIBORIO CARDENAS	Cole Information
2005	HARRY OBISPO	Cole Information
	RONNY RODRIGUEZ	Cole Information
	LIBORIO CARDENAS	Cole Information
	EDDY FLORES	Cole Information
2001	CARDENAS L	Haines Company, Inc.
2000	L CARDENAS	Cole Information
	SPENCER LEE	Cole Information
1996	B Cardenas L	Pacific Bell
1995	KANG, MYUNG K	Cole Information
	LOPEZ, SAMUEL	Cole Information
	CHUNG, KOO S	Cole Information
	CARDENAS, L	Cole Information
1992	LOPEZ, SAMUEL	Cole Information
1991	LOPEZ SAMUEL	PACIFIC BELL WHITE PAGES
1986	Norsby D R	Pacific Bell
1985	NORSBY D R	Pacific Bell
1980	Lee Jennifer	Pacific Telephone
	Park Jong	Pacific Telephone
1975	MARTURANO BETTY JO	Pacific Telephone
	JONES BOBBIE R	Pacific Telephone
1974	Apartments A Hatch Gregory J	R. L. Polk Co.
	B Vacant C Marturano Betty	R. L. Polk Co.
	D Jones Bobbie Mrs	R. L. Polk Co.
1970	Apartments A Hatch Gregory J	R. L. Polk & Co.
	B Porras David	R. L. Polk & Co.
	C Freeman Ruby Mrs	R. L. Polk & Co.
	D Faraoni Guiseppe	R. L. Polk & Co.

FINDINGS

ALHANIBRA DR

2540 ALHANIBRA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	WILSON C V	Pacific Telephone

BOWERS AVE

2401 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRACHER CHILDREN CTR	EDR Digital Archive
2010	BRACHER CHILDREN CTR	Cole Information
	BRACHER EXTENDED DAY LATCHKEY	Cole Information
2005	BRACHER CENTER	Cole Information
	BRACHER EXTENDED DAY	Cole Information
2001	BRACHER CHILDREN	Haines Company, Inc.
	CENTER SCLARSCCHLDS	Haines Company, Inc.
	COTS BRACHER	Haines Company, Inc.
2000	BRACHER CHILDREN CENTER PRESCHOOL	Cole Information
	SANTA CLARA UNIFIED SCHOOL DIST FAMILY CHILD EDUC	Cole Information
1992	BRACHER CHILDREN CT	Cole Information
1991	BRACHER CHILDREN CENTER PRESCHOOL	PACIFIC BELL WHITE PAGES
	Bracher Children Center Preschool	PACIFIC BELL WHITE PAGES

2402 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	AUNG HEIN	EDR Digital Archive
	ARTURO FARINAS	EDR Digital Archive
	SHERWIN SABADO	EDR Digital Archive
	DEAN SABADO	EDR Digital Archive
	GLORIA SABADO	EDR Digital Archive
	LORENZO SABADO	EDR Digital Archive
	TESSICA JONES	EDR Digital Archive
	LUPE GUZMAN	EDR Digital Archive
2017	ARTURO FARINAS	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DEAN SABADO	Cole Information
	NESTOR FERNANDEZ	Cole Information
	TESSICA JONES	Cole Information
	PRISCILLA DUARTE	Cole Information
2014	MARLON VEVERA	Cole Information
	MARK EMATA	Cole Information
	FERNANDEZ NESTOR	Cole Information
	DEAN SABADO	Cole Information
	PENISIMANI VEIKOSO	Cole Information
	NESTOR FERNANDEZ	Cole Information
	IRENE YANG	Cole Information
2010	MARLON VEVERA	Cole Information
	LORENZO ABADO	Cole Information
	FRANCIS CACDAC	Cole Information
	NESTOR FERNANDEZ	Cole Information
	TEVITA VEIKOSO	Cole Information
	ZEYA OO	Cole Information
	LUPE GUZMAN	Cole Information
	MARLON DEVERA	Cole Information
2005	CHARISCIEL RAFANAN	Cole Information
	JOHN NGUYEN	Cole Information
	TUONG LE	Cole Information
	NESTOR FERNANDEZ	Cole Information
	ENOCH JULIAS	Cole Information
	MARIO CLOMERA	Cole Information
2001	JULIAS Enoch	Haines Company, Inc.
	SABADODean	Haines Company, Inc.
2000	DEAN SABADO	Cole Information
	ENOCH JULIAS	Cole Information
1995	ROJAS, MARIA	Cole Information
	NGUYEN, THOMAS T	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	CHISLER, ROBERT	Cole Information
	GUMISAD, E	Cole Information
1992	GUMISAD, E	Cole Information
1991	NGUYEN KLMCHL	PACIFIC BELL WHITE PAGES
	Nguyen Klmchl	PACIFIC BELL WHITE PAGES
1986	Perez Manuel J	Pacific Bell
1985	SANCHEZ ISIDRO T & AURORA C	Pacific Bell
	HIDALGO KATHY	Pacific Bell
	MANTE AURELIO	Pacific Bell
	SALA ADELAIDA LILY	Pacific Bell
	TORIO TERESITA	Pacific Bell
1980	Lam Hung T	Pacific Telephone
	Perez Manuel J	Pacific Telephone
	Ross Justin	Pacific Telephone
	Ruin Nita	Pacific Telephone
	Tafa Alofaaga	Pacific Telephone
	Zellnsky Mark	Pacific Telephone
1975	ARRIOLA GARY D	Pacific Telephone
	LOCKWOOD ED	Pacific Telephone
	VAN REES G D	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	I N Marquez Robt	R. L. Polk Co.
	N Kirk David J	R. L. Polk Co.
	Hastings Paulina Mrs	R. L. Polk Co.
	Salinas Raymond	R. L. Polk Co.
	N Nomura Victor	R. L. Polk Co.
	N Nielsen Jerome	R. L. Polk Co.
	N Hu Albert	R. L. Polk Co.
	N Gonzalez Theresa	R. L. Polk Co.
	N Davis Deborah	R. L. Polk Co.
	N Dolan Fred	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Keene Cynthia A	R. L. Polk & Co.
	Duke Phil	R. L. Polk & Co.
	Hasting Pauline Mrs	R. L. Polk & Co.
	Simon John W	R. L. Polk & Co.
	Strittmatter Stanley A	R. L. Polk & Co.
	Smits Andreas S	R. L. Polk & Co.
	Saksa Gary	R. L. Polk & Co.
	Gingrich Brian B	R. L. Polk & Co.
	Potts Gary E	R. L. Polk & Co.
Vacant	R. L. Polk & Co.	
1963	Biederman Wayne E	Pacific Telephone
	Golub Howard W	Pacific Telephone
	Hoelscher Donald G	Pacific Telephone
	Mitchell E E	Pacific Telephone
	Mitchell Marilyn	Pacific Telephone
	Samurai Garden Apartments	Pacific Telephone

2419 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CHRISTINE SANDIFER	Cole Information

2422 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JOSEPHINE RODOLFA	EDR Digital Archive
	HOANGTHU MANG	EDR Digital Archive
	CAROL KARTYCHOK	EDR Digital Archive
	STEVE KARTYCHOK	EDR Digital Archive
	CIPRIANO CAPET	EDR Digital Archive
	MIKE MONJE	EDR Digital Archive
	DAISY CAPET	EDR Digital Archive
2017	LISA KO	Cole Information
	PRISCILLA DUARTE	Cole Information
	MICHAEL KARAS	Cole Information
	RUTH YAFAC	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JOSEPHINE RODOLFA	Cole Information
	CIPRIANO CAPET	Cole Information
	MIKE MONJE	Cole Information
	TAM DUONG	Cole Information
	CALVIN WALLS	Cole Information
2014	CIPRIANO CAPET	Cole Information
	MIKE MONJE	Cole Information
	TAM DUONG	Cole Information
	CALVIN WALLS	Cole Information
2010	EDWARD LOW	Cole Information
	PETERMYAT ONG	Cole Information
	CHARNJIT BAL	Cole Information
	MIKE MONJE	Cole Information
	HAN PHAM	Cole Information
	MARVEL PENA	Cole Information
	CALVIN WALLS	Cole Information
	TAM DUONG	Cole Information
2005	FERDINAND RAMPAS	Cole Information
	EDWARD LOW	Cole Information
	MELINDA WALINDZINSKI	Cole Information
	CONSUELO PAZ	Cole Information
	HAN PHAM	Cole Information
	LORENA LOPEZ	Cole Information
	CHARLES HWANG	Cole Information
2001	APARTMENTS KANGJae Chung	Haines Company, Inc.
	KARTYCHOKStephen	Haines Company, Inc.
	KING Jae Chung	Haines Company, Inc.
	LOW Edward	Haines Company, Inc.
	YENGLEFernando	Haines Company, Inc.
2000	J KING	Cole Information
	CHANH LA	Cole Information
	EDWARD LOW	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JAE KANG	Cole Information
	STEPHEN KARTYCHOK	Cole Information
	CELIA CIUBAL	Cole Information
	F PINCA	Cole Information
1996	9 Kartychok Stephen	Pacific Bell
	10 Low Edward	Pacific Bell
	2 Lam Phoung	Pacific Bell
	3 Garcia James	Pacific Bell
	10 Medellin Joel	Pacific Bell
1995	LOW, EDWARD	Cole Information
	IP, PENG K	Cole Information
1992	SITU, QU	Cole Information
	HUYNH, L	Cole Information
1991	LOW EDWARD	PACIFIC BELL WHITE PAGES
	TORIO ARLENE	PACIFIC BELL WHITE PAGES
	KIM YOUNG	PACIFIC BELL WHITE PAGES
	Kim Young	PACIFIC BELL WHITE PAGES
	Low Edward	PACIFIC BELL WHITE PAGES
	Torio Arlene	PACIFIC BELL WHITE PAGES
1986	Davison De Ann M	Pacific Bell
	Garcia Marcial	Pacific Bell
	Supreme Window Cleaners	Pacific Bell
	i Suralta Jorge	Pacific Bell
	Vonasek Kristopher J	Pacific Bell
1985	ASTRERO EDGAR	Pacific Bell
	VILLANUEVA PATRICIO R	Pacific Bell
	DAV N DE ANN M	Pacific Bell
	LOW EDWARD	Pacific Bell
	SURALTA JORGE	Pacific Bell
	VONASEK KRISTOPHER J	Pacific Bell
1980	Davison De Ann M	Pacific Telephone
	Huynh Tinh Thoi	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Jarrell Douglas C	Pacific Telephone
	Pabros Fernando	Pacific Telephone
	heldon A	Pacific Telephone
	Shelby Mark	Pacific Telephone
	Vonasek Kristopher J	Pacific Telephone
1975	LAU BICK C	Pacific Telephone
	PABROS FERNANDO	Pacific Telephone
	WEI SHIU	Pacific Telephone
	CHEN ROGER S	Pacific Telephone
	FEDALIZO PERICO G	Pacific Telephone
	LOUIE JOS K	Pacific Telephone
	LOUIE TONY L	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Chew Foke	R. L. Polk Co.
	N Jorgensen Michl R	R. L. Polk Co.
	N Wong Sherman N H	R. L. Polk Co.
	N Wei Shiu	R. L. Polk Co.
	N Louie Joseph K	R. L. Polk Co.
	N Tse Jason	R. L. Polk Co.
	N Locascio Tony	R. L. Polk Co.
	N Pakros Fernando	R. L. Polk Co.
	N Chen Shyue	R. L. Polk Co.
	N Low Edward	R. L. Polk Co.
	1970	Apartments
Aguon David		R. L. Polk & Co.
Aven David C		R. L. Polk & Co.
Diamond Robt		R. L. Polk & Co.
Hernandez Vincent		R. L. Polk & Co.
Stoker Mary Mrs		R. L. Polk & Co.
Tallant David W		R. L. Polk & Co.
Fisher Stephen H		R. L. Polk & Co.
Slabe Wm H		R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Atwood Kenneth L	R. L. Polk & Co.
	Holcomb Ralph M	R. L. Polk & Co.
1963	Brasuell Wm C Jr	Pacific Telephone
	Greene J Paul	Pacific Telephone
	Kittleman D L Lt	Pacific Telephone
	Krause A	Pacific Telephone
	Matsunaga Jas	Pacific Telephone
	Mumolo John	Pacific Telephone
	Orlando Jos A	Pacific Telephone
	Orlando Judith	Pacific Telephone
	Ramos D	Pacific Telephone

2442 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MARIO GARCIA	EDR Digital Archive
	REYMUNDO GARCIA	EDR Digital Archive
	JAMES KRAUSE	EDR Digital Archive
	GEORGINA GUTIERREZ	EDR Digital Archive
	PAUL KRAUSE	EDR Digital Archive
	ROEL GARCIA	EDR Digital Archive
	ALBERT KRAUSE	EDR Digital Archive
	CONNER HERBERT	Cole Information
2017	JAMES GARCIA	Cole Information
	MARCELO VINLUAN	Cole Information
	GEORGINA GUTIERREZ	Cole Information
	MANUEL PEREZ	Cole Information
	JAMES GARCIA	Cole Information
2014	MARCELO VINLUAN	Cole Information
	GEORGINA GUTIERREZ	Cole Information
	MANUEL PEREZ	Cole Information
	PAUL KRAUSE	Cole Information
	JOHN LEAHEY	Cole Information
	GLORIA KERSCH	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CRAGGY CLIFFS PROPERTIES LLC	Cole Information
	CHRISTINE RYAN	Cole Information
	REYMUNDO GARCIA	Cole Information
	DIONISIO JUBANE	Cole Information
	JAMES GARCIA	Cole Information
	NHAN NGUYEN	Cole Information
	MARTIN HUYNH	Cole Information
	GEORGINA GUTIERREZ	Cole Information
	MANUEL PEREZ	Cole Information
	JOHN LEAHEY	Cole Information
	GLORIA KERSCH	Cole Information
2005	ALBERT KRAUSE	Cole Information
	DIONISIO JUBANE	Cole Information
	EMY MANTE	Cole Information
	LOW EDWARD	Cole Information
	FRANCISCO GARCIA	Cole Information
	GLORIA KERSCH	Cole Information
2001	ALBERT KRAUSE	Cole Information
	GARCIA James	Haines Company, Inc.
2000	PINTOR Hemreline	Haines Company, Inc.
	JAMES GARCIA	Cole Information
1995	PAUL KRAUSE	Cole Information
	NGUYEN, KIET	Cole Information
	PHUNG, THIEN	Cole Information
	LIN, ALICE	Cole Information
1992	GARCIA, JAMES	Cole Information
	NGUYEN, KIET	Cole Information
	LIN, ALICE	Cole Information
1991	CHAN, HON M	Cole Information
	Tan Catherine M	PACIFIC BELL WHITE PAGES
	TAN CATHERINE M	PACIFIC BELL WHITE PAGES
	CHWA CO	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	LIN ALICE	PACIFIC BELL WHITE PAGES
	Chw a CO	PACIFIC BELL WHITE PAGES
	Lin Alice	PACIFIC BELL WHITE PAGES
1986	Chiu Tzechoi	Pacific Bell
	Garcia James	Pacific Bell
	Miller CL	Pacific Bell
	Sibayan Bruno M	Pacific Bell
	Vu Nam	Pacific Bell
1985	CHIU TZECHOI	Pacific Bell
	GARCIA JAMES	Pacific Bell
	MILLER CL	Pacific Bell
	ONG QUANG	Pacific Bell
	SIBAYAN BRUNO M	Pacific Bell
1980	Miller C L	Pacific Telephone
	San Agustin Fred	Pacific Telephone
	Semisi Vaiola	Pacific Telephone
	Verdeflor Percival	Pacific Telephone
	Wetmore E	Pacific Telephone
	Wotmore James F	Pacific Telephone
1975	ESCOBAR ABRAHAM	Pacific Telephone
	MA FRED	Pacific Telephone
	LINTON DAVID L	Pacific Telephone
	MAK RAYMOND	Pacific Telephone
	RUSSELL EUGENE	Pacific Telephone
1974	YUEN SIDNEY	Pacific Telephone
	Apartments	R. L. Polk Co.
	A N Hunter Frank	R. L. Polk Co.
	N Carpetino Wendy	R. L. Polk Co.
	N Carr Gary	R. L. Polk Co.
	No Return	R. L. Polk Co.
	N Huynh Tink Thoi	R. L. Polk Co.
N Tsai John	R. L. Polk Co.	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Hausier Donald	R. L. Polk Co.
	N Dew Jerry L	R. L. Polk Co.
	Layton David	R. L. Polk Co.
	N Balliett Lee	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	Garcia Rudy	R. L. Polk & Co.
	Yara Ron	R. L. Polk & Co.
	Brown Jack	R. L. Polk & Co.
	Derouin Thos	R. L. Polk & Co.
	Ezzie Alberta M Mrs	R. L. Polk & Co.
	Brabant Evelyn	R. L. Polk & Co.
	Hamilton Mildred Mrs	R. L. Polk & Co.
	Pustai Stephen	R. L. Polk & Co.
	Me Niel Linda	R. L. Polk & Co.
1963	Caputo Ed F	R. L. Polk & Co.
	Chapman Merry Jo	Pacific Telephone
	Crain Janette	Pacific Telephone
	Finseth Nancy	Pacific Telephone
	Heath Buddy	Pacific Telephone
	Hirsinger Donna J Mrs	Pacific Telephone
	Ryan Elizabeth P	Pacific Telephone
	Stewart Dan	Pacific Telephone
Thomas Aries F	Pacific Telephone	

2500 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JOE PASATING	EDR Digital Archive
	TERESO ARANGO	EDR Digital Archive
	HELEN PASATING	EDR Digital Archive
2017	EMMANUEL PASATING	Cole Information
	PEDRO SANCHEZ	Cole Information
2014	ESHTER SANCHEZ	Cole Information
	EMMANUEL PASATING	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	TERESO ARANGO	Cole Information
2010	PEDRO SANCHEZ	Cole Information
	HELEN PASATING	Cole Information
2005	ARMANDO MARTINEZ	Cole Information
	FERNANDO TAVARES	Cole Information
	FLOR TORRES	Cole Information
2001	MAJOR 1 Howard	Haines Company, Inc.
1986	Berkey Donald	Pacific Bell
	Zigon Joseph R	Pacific Bell
1985	BERKEY DONALD	Pacific Bell
1980	Davenport Jacquelyn 08	Pacific Telephone
	Stewart Merlin	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Hodges Roy	R. L. Polk Co.
	N Quist Cornelis J	R. L. Polk Co.
	Ball Geo E	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	Schumaker Howard	R. L. Polk & Co.
	McMakin John	R. L. Polk & Co.
	Gill Robt J	R. L. Polk & Co.

2510 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	EMILIANO AGUILAR	EDR Digital Archive
2017	EMILIANO AGUILAR	Cole Information
	DAVID DUERI	Cole Information
	GARY GIANGRECO	Cole Information
2014	PEREZ CORTES	Cole Information
	DAVID DUERI	Cole Information
	GARY GIANGRECO	Cole Information
2010	HANG NGUYEN	Cole Information
	GARY GIANGRECO	Cole Information
	TEO RUIZ	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	DANNY NGUYEN	Cole Information
2001	SCHIMBERG Francs VOGuc	Haines Company, Inc.
2000	YENNI LEDEANNA	Cole Information
	DUC VO	Cole Information
	THI LEKINH	Cole Information
	THACH LESON	Cole Information
1996	1 Pham Minh	Pacific Bell
	2 Le Thach	Pacific Bell
	3 Vo Duc	Pacific Bell
	1 Pham Thoa	Pacific Bell
	2 Thuan Tran Vinh	Pacific Bell
	3 Fajardo Dominador	Pacific Bell
1995	NGUYEN, HOANG	Cole Information
	LE, THACH	Cole Information
1992	NGUYEN, HOANG	Cole Information
1991	DO THUCANH T	PACIFIC BELL WHITE PAGES
	NGUYEN HOANG	PACIFIC BELL WHITE PAGES
	Do Thucanh T	PACIFIC BELL WHITE PAGES
	Nguyen Hoang	PACIFIC BELL WHITE PAGES
1986	Dao Tho	Pacific Bell
	Deo Thuong M	Pacific Bell
	Ho Phuoc V	Pacific Bell
1985	HO PHUOC V	Pacific Bell
	NGUYEN DUYEN P	Pacific Bell
1980	Clark Kenneth V	Pacific Telephone
	May Bill	Pacific Telephone
1975	MC AVOY RICHARD A JR	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Martell Ruben	R. L. Polk Co.
	N Moore Paul W	R. L. Polk Co.
	N Lamphere Lorraine	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Ensign Gordon	R. L. Polk & Co.
	Keller Michl S	R. L. Polk & Co.
	Lusk Anthony	R. L. Polk & Co.

2520 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ELLALORRAINE GREELY	EDR Digital Archive
2017	JUNG PARK	Cole Information
	DAVID SUH	Cole Information
	WILLIAM GREELY	Cole Information
2014	YANO GACIO ADORACION	Cole Information
	SUN PARK	Cole Information
	DAVID SUH	Cole Information
	WILLIAM GREELY	Cole Information
2010	JUNG PARK	Cole Information
	SUN PARK	Cole Information
2001	MOSS Arvil	Haines Company, Inc.
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWN	Cole Information
1991	CADE ROSSL	PACIFIC BELL WHITE PAGES
	Cade Rosll	PACIFIC BELL WHITE PAGES
1986	Schlackman Glen	Pacific Bell
1985	SCHTLACKMAN GLEN	Pacific Bell
1980	Juno Joseph Robt Jr	Pacific Telephone
	Jarvi William H	Pacific Telephone
	Roots D	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Moss Arvil	R. L. Polk Co.
	N Moloen Glenna	R. L. Polk Co.
	N Landerbough Robt	R. L. Polk Co.
1970	Moss Ray	R. L. Polk & Co.
	Gasselle Carol Mrs	R. L. Polk & Co.
	Reyes Bonnie Mrs	R. L. Polk & Co.

FINDINGS

2530 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FREDERICK FAJARDO	EDR Digital Archive
	DOROTHY CANTIGA	EDR Digital Archive
2017	BERNADETTE CANTIGA	Cole Information
	FREDERICK FAJARDO	Cole Information
2010	RACHELLE FAJARDO	Cole Information
	BERNADETTE CANTIGA	Cole Information
	DOROTHY CANTIGA	Cole Information
2005	RANG NGOC NGUYEN	Cole Information
	EFRENBOSE	Cole Information
	TRAN TRAN	Cole Information
2001	BOSEEren FAJARDOComnador	Haines Company, Inc.
	THUANTran Vmh	Haines Company, Inc.
2000	TRAN THUAN	Cole Information
	D FAJARDO	Cole Information
1995	ESTERLITAS JEWELERY	Cole Information
	THUAN, TRAN V	Cole Information
1992	ESTERLITAS JEWELERY	Cole Information
	THUAN, TRAN V	Cole Information
1991	ESTERLITA S JEWELERY	PACIFIC BELL WHITE PAGES
	Esterlitas Jew elery	PACIFIC BELL WHITE PAGES
1986	Nguyen Tien	Pacific Bell
1985	NGUYEN TIEN	Pacific Bell
	PHAN TRUNG V	Pacific Bell
1980	Bryant Neil	Pacific Telephone
	Mc Cullough Richard	Pacific Telephone
1975	CONTRERAS ERNIE	Pacific Telephone
	KELLY DAV ID T	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Kelly David T	R. L. Polk Co.
	Felder William	R. L. Polk Co.
	Vacant	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Mow er Morris T	R. L. Polk & Co.
	Me Ree Charles A	R. L. Polk & Co.
	Patterson Terry	R. L. Polk & Co.

2539 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines Company, Inc.

2540 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	EDGAR TRAPSI	Cole Information
2014	LISA MCCOY	Cole Information
2010	FERDINAND DOMINGO	Cole Information
	LISA MCCOY	Cole Information
	R PARAYNO	Cole Information
2005	L & H ENTERPRISES	Cole Information
	L & H ENTERPRISES	Cole Information
	FRANK PERHAM	Cole Information
	JONATHON CACDAC	Cole Information
2001	ESMALLA Iman I	Haines Company, Inc.
	PERHAM Frank	Haines Company, Inc.
2000	ISMAEL ESMALLA	Cole Information
1996	1 Nguyen Can	Pacific Bell
1995	NGUYEN, CAN	Cole Information
1991	ANDERSON TOM & DIONA	PACIFIC BELL WHITE PAGES
	FONG ALAN Y	PACIFIC BELL WHITE PAGES
	Anderson Tom & Diona	PACIFIC BELL WHITE PAGES
	Fong Alan Y	PACIFIC BELL WHITE PAGES
1986	Fong Alan Y	Pacific Bell
	Le Mui Van	Pacific Bell
	Obregon Gloria	Pacific Bell
1985	FONG ALAN Y	Pacific Bell
	LE MUI VAN	Pacific Bell
	OBREGON GLORIA	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Huynh Nam D	Pacific Telephone
	Luce O	Pacific Telephone
1975	NEAL KHRISPY	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Michaud Alphonse	R. L. Polk Co.
	N Ray Timothy B	R. L. Polk Co.
	N Munoz Joseph	R. L. Polk Co.
1970	Goff James C	R. L. Polk & Co.
	Strouble Thos Seale James R Jr	R. L. Polk & Co.

2550 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	AARON TOLLIVER	EDR Digital Archive
2017	AARON TOLLIVER	Cole Information
	DEKMO SUSSEIN	Cole Information
2014	WILLIE GRIMES	Cole Information
2010	LENA AHMED	Cole Information
	ORLANDO ROJAS	Cole Information
2001	AHMEOSalal MAIToa OV	Haines Company, Inc.
2000	T LEMARY	Cole Information
	BA VO	Cole Information
1995	AHMED, SALAH A	Cole Information
1992	TRAN, THUY	Cole Information
1986	Lick F J	Pacific Bell
	Lack Ben	Pacific Bell
1985	LACK FJ	Pacific Bell
	SCOTT DALE E	Pacific Bell
1980	Le Dao	Pacific Telephone
	Lazzeroni Gary F	Pacific Telephone
1975	LACEY THOMAS M	Pacific Telephone
	OWEN ROBERT	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Kniesel Gary R	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Aguayo Frank	R. L. Polk Co.
	N Dacy Fran	R. L. Polk Co.
1970	Pullen David E	R. L. Polk & Co.
	Lynn Elen R	R. L. Polk & Co.
	Coad Audrey Mrs	R. L. Polk & Co.

2560 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RONALD TAYLOR	EDR Digital Archive
	TAN NGUYEN	EDR Digital Archive
2017	JERI UDOMTANAPON	Cole Information
	HOA BACH	Cole Information
	RONAL TAYLOR	Cole Information
2014	RONALD TAYLOR	Cole Information
	BRIAN HO	Cole Information
	TUYET DUONG	Cole Information
2005	SIAM SILVER WHOLESAL	Cole Information
	WORAVIT UDONTANAPON	Cole Information
2001	DRISCOLLV	Haines Company, Inc.
	UDONTANAPON Woravt	Haines Company, Inc.
	SWONGWayne	Haines Company, Inc.
2000	OCCUPANT UNKNOWN	Cole Information
1996	1 Win Thein	Pacific Bell
1995	OCCUPANT UNKNOWNN	Cole Information
1986	Dass Madhava P	Pacific Bell
1985	DASS MADHAVA P	Pacific Bell
	HIRA JATINDER K	Pacific Bell
	VERMEULEN TED	Pacific Bell
1975	LISTON ROGER L	Pacific Telephone
	MARTIN MARTY C	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Davenport Ed	R. L. Polk Co.
	N Martin Marty C	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	Infante John J	R. L. Polk Co.
1970	Gapta Jagdish R Me Afee John E	R. L. Polk & Co.
	Infante John J	R. L. Polk & Co.

2570 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FRAGIAL SMITH	EDR Digital Archive
	CYNTHIA PASCO	EDR Digital Archive
2017	CANDRA BRISTER	Cole Information
	FRAGIAL SMITH	Cole Information
	JOSEPHINE DANCEL	Cole Information
2014	CANDRA BRISTER	Cole Information
	MALKA KHAN	Cole Information
	FRAGIAL SMITH	Cole Information
	CYNTHIA PASCO	Cole Information
2010	KATIE VIEIRA	Cole Information
	FRAGIAL SMITH	Cole Information
	ANTHONY ARNOLD	Cole Information
	JOSEPHINE DANCEL	Cole Information
	CYNTHIA PASCO	Cole Information
2005	CYNTHIA PASCO	Cole Information
2001	PALACIOSean	Haines Company, Inc.
	RUANHelen O	Haines Company, Inc.
	OUBARREMeleco	Haines Company, Inc.
2000	FC INTERNATIONAL	Cole Information
	SEAN PALACIO	Cole Information
	HELEN RUAN	Cole Information
1986	Turula Stephen G	Pacific Bell
1985	TURULA STEPHEN G	Pacific Bell
1980	Dufur Wm C	Pacific Telephone
	Dufur Wm C	Pacific Telephone
	Wiscombe Nathan E	Pacific Telephone
1975	DUFUR WM C	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	PINON NASH GILBERT	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Dufur Wm C	R. L. Polk Co.
	Tagarni Albert	R. L. Polk Co.
	N Yturalde James	R. L. Polk Co.
1970	Me Maken Lionel	R. L. Polk & Co.
	Lagami Al A	R. L. Polk & Co.
	Roberts David J	R. L. Polk & Co.

2580 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	HAZEL ESTRADA	Cole Information
	KENNETH HARRELL	Cole Information
	BERNARD TATEL	Cole Information
2014	PHILIP WEHRMAN	Cole Information
	BERNARD TATEL	Cole Information
2010	WILSON BATANGAN	Cole Information
	LINK WONG	Cole Information
	PHILIP WEHRMAN	Cole Information
	KENNETH HARRELL	Cole Information
2005	MIUSIN S WONG	Cole Information
2001	WOOD Johnny	Haines Company, Inc.
	OANTan	Haines Company, Inc.
	LUIPeal	Haines Company, Inc.
2000	MICHAEL CHAFIN	Cole Information
1996	3 Ravera Michael Angelo	Pacific Bell
1995	OCCUPANT UNKNOWNN	Cole Information
1991	WEHRMAN PHILIP SANTA CLARA 296 63	PACIFIC BELL WHITE PAGES
	SITU QI	PACIFIC BELL WHITE PAGES
	Situ Qi	PACIFIC BELL WHITE PAGES
	Wehrman Philip	PACIFIC BELL WHITE PAGES
1985	NELSON E	Pacific Bell
1974	Apartments	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	I N Rinker Eric	R. L. Polk Co.
	N Bashore Janice Mrs	R. L. Polk Co.
	N Baker David	R. L. Polk Co.
1970	Galvan Benj Sampson Gene	R. L. Polk & Co.

2590 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MYNAM NGUYEN	EDR Digital Archive
	NATHALIE DANCEL	EDR Digital Archive
	PURITA DANCEL	EDR Digital Archive
	MARY DANCEL	EDR Digital Archive
2017	NATHALIE DANCEL	Cole Information
	JAE KANG	Cole Information
	SONNY NGO	Cole Information
2014	DAT DANG	Cole Information
	NATHALIE DANCEL	Cole Information
	JAE KANG	Cole Information
	SONNY NGO	Cole Information
2010	SU PHAM	Cole Information
	EUN KANG	Cole Information
	MARIA MARTINEZ	Cole Information
	NATHALIE DANCEL	Cole Information
2005	SANDRA GOMEZ	Cole Information
2000	TAN DOAN	Cole Information
	VINH HOANG	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1991	GALLO	PACIFIC BELL WHITE PAGES
	SHIN YUN NNAM	PACIFIC BELL WHITE PAGES
	Gallo	PACIFIC BELL WHITE PAGES
	lallo lals	PACIFIC BELL WHITE PAGES
	Shin Yun Nnam	PACIFIC BELL WHITE PAGES
1986	Tran Vi T	Pacific Bell
1985	CHAU BICH	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	TRAN VI T	Pacific Bell
1980	Citu llisy T	Pacific Telephone
	Chui Theodore J MD	Pacific Telephone
1975	KING MICHAEL E	Pacific Telephone
	BAKER DAVID A	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Spring Wm L	R. L. Polk Co.
	Gareau John P	R. L. Polk Co.
	N Gallaw ay Fay Mrs	R. L. Polk Co.
1970	Holland Danl	R. L. Polk & Co.
	Gifford Merrill E Pryor Glenn E	R. L. Polk & Co.

2600 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WILLCOXRonald	Haines Company, Inc.
1996	1 Smithson KA	Pacific Bell
1991	LE NGOC	PACIFIC BELL WHITE PAGES
	Le Ngoc	PACIFIC BELL WHITE PAGES
1986	Mc Clelland Mackie	Pacific Bell
1975	VAL ADAO DORIS	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Cox Jim	R. L. Polk Co.
	Valladao Doris Mrs	R. L. Polk Co.
	Villa Paul	R. L. Polk Co.
1970	Bosw ell Ronald Christie Robt R	R. L. Polk & Co.
	Mikita John	R. L. Polk & Co.

2610 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DU 0mg Jiong	Haines Company, Inc.
	H 030m PETELBarotlam Bhar	Haines Company, Inc.
	PETEELSOLaben	Haines Company, Inc.
1996	1 Chw a December Htw ay	Pacific Bell
	3 Nguyen Chau	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	NGUYEN QUANG	PACIFIC BELL WHITE PAGES
	Nguyen Quang	PACIFIC BELL WHITE PAGES
1986	Nik Electric	Pacific Bell
1980	Scott Jasg E	Pacific Telephone
1975	NAKASH JACK	Pacific Telephone
	FREDERICK JEROME	Pacific Telephone
	SHEPHARD ROBT	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Nakash Jack R	R. L. Polk Co.
	Lastrup Charles	R. L. Polk Co.
	N Wood Mary W Mrs	R. L. Polk Co.
1970	Harrington Robt Nakash Jack R	R. L. Polk & Co.
	Delouhary Mary Mrs	R. L. Polk & Co.

2620 BOWERS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	UBARRE Lour Oes	Haines Company, Inc.
1996	2 Mand Iqbal	Pacific Bell
1991	MAND L OBAL	PACIFIC BELL WHITE PAGES
	Mand I Obal	PACIFIC BELL WHITE PAGES
1985	PAR ANGEL	Pacific Bell
1980	Nakash Jack	Pacific Telephone
1975	MEYER ROBERT E	Pacific Telephone
	SIMAS GARY J	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	Gillin James	R. L. Polk Co.
	Vacant Simas Gary J	R. L. Polk Co.
1970	Kostuke Michi J	R. L. Polk & Co.
	Sproat R Terry	R. L. Polk & Co.
	Teireira Raymond	R. L. Polk & Co.

FINDINGS

BOWERS RD

2402 BOWERS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	Cartee Thos	Pacific Telephone

CHRANETE DR

2689 CHRANETE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	F A	PACIFIC BELL WHITE PAGES
	PW I Ar	PACIFIC BELL WHITE PAGES

CHREMITE DR

2700 CHREMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Brachet	Pacific Telephone
	SANTA CLARA UNIFIED SCHOOL DISTRICT Board Of Education Administration Building	Pacific Telephone

CHROMITE DR

2630 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	LONG CHAS P	Pacific Telephone

2642 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	SUMMERS JONATHON E	Pacific Telephone

2658 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	SIGGINS HUGH E	Pacific Telephone

2688 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	STING Areole	Haines Company, Inc.

FINDINGS

2689 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JOSEPH FAUMUINA	EDR Digital Archive
	MEREANE FAUMUINA	EDR Digital Archive
2017	DAVID GUTIERREZ	Cole Information
	PAYTON MORALES	Cole Information
	ARETA FATU	Cole Information
	MEREANE FAUMUINA	Cole Information
2014	ARETA FATU	Cole Information
	MEREANE FAUMUINA	Cole Information
2010	PAYTON MORALES	Cole Information
	MEREANE FAUMUINA	Cole Information
	KEEKA FATU	Cole Information
2005	ALEJANDRA DERRAMONA	Cole Information
	JOSHUA FAUMUINA	Cole Information
	DAVID GUTIERREZ	Cole Information
	PATRICIA RIVERA	Cole Information
	KEEKA FATU	Cole Information
2001	XXXX	Haines Company, Inc.
2000	EDEN MONTEYRO	Cole Information
1996	A Aviles Dolores	Pacific Bell
1995	WICHMAN, KARMA	Cole Information
	AVILES, DOLORES	Cole Information
	MENIKTOS, JEAN	Cole Information
1992	SAYEEDUDDIN, KHAJA	Cole Information
	AVILES, DOLORES	Cole Information
	PEREZ, AMINTA	Cole Information
1991	AVILES DOLORES	PACIFIC BELL WHITE PAGES
	LARA JOSE W	PACIFIC BELL WHITE PAGES
	SAYEEDUDDIN KHAJA	PACIFIC BELL WHITE PAGES
	Aviles Dolores	PACIFIC BELL WHITE PAGES
	Lara Jose W	PACIFIC BELL WHITE PAGES
	Sayeduddin Khaja	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Aviles Dolores	Pacific Bell
	Hurtado Noel E	Pacific Bell
1985	AVILES DOLORES	Pacific Bell
	HURTADO NOEL E	Pacific Bell
1980	Huynh Kinh	Pacific Telephone
1975	EMERSON KENNETH	Pacific Telephone
1974	Alhambra Garden Apartments	R. L. Polk Co.
	A N Arteaga Silvano B N Tripp L R	R. L. Polk Co.
	C N May Barbara	R. L. Polk Co.
	D Vacant	R. L. Polk Co.
1970	Alhambra Garden Apartments	R. L. Polk & Co.

2709 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRACHER	Haines Company, Inc.
	ELEMENTARY SCHOOL BRACHER	Haines Company, Inc.
	ELEMENTARY SCHOOL SCLARSCB 8 ACHER	Haines Company, Inc.

2719 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	EMMA PARGA	EDR Digital Archive
	LUISA PARGA	EDR Digital Archive
2017	AMERICAN SATELLITE	Cole Information
	LUISA PARGA	Cole Information
2014	AMERICAN SATELLITE	Cole Information
	MERCEDES FUNES	Cole Information
	MARTHA BONILLA	Cole Information
2010	DONALD ZUNIGA	Cole Information
	FRANCISCO MARTINEZ	Cole Information
	ESTEPHANY GARCIA	Cole Information
	MERCEDES FUNES	Cole Information
	SANDRA LOPEZ	Cole Information
	MARTHA BONILLA	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	LUZ HERNANDEZ	Cole Information
2005	KARINA PEREZ	Cole Information
	JESUS DOMINGUEZ	Cole Information
2001	HOLGUIN Lucrecia	Haines Company, Inc.
2000	L HOLGUIN	Cole Information
1995	TABLADA, MARTHA	Cole Information
	ALVES, ALFREDO M	Cole Information
1992	PEREY, S G	Cole Information
	NAKAO, LEROY	Cole Information
1986	Nakao Leroy	Pacific Bell
1985	NAKAO LEROY	Pacific Bell
1980	Nakao leroy	Pacific Telephone
1975	NORLEGA ROBERT	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	A Gornez Rarmona Mrs	R. L. Polk Co.
	B Vacant	R. L. Polk Co.
	C N Dow nes Gary	R. L. Polk Co.
	CHROMITE DR SC Contd	R. L. Polk Co.
	D N Riggle James	R. L. Polk Co.
1970	Apartments	R. L. Polk & Co.
	A Levesque Geo	R. L. Polk & Co.
	B Losich Roger	R. L. Polk & Co.
	C Cook Edw	R. L. Polk & Co.
	D Borg Linn W	R. L. Polk & Co.

2725 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALEXANDER SAYO	EDR Digital Archive
	KENNETH HIRD	EDR Digital Archive
	MARVI SAYO	EDR Digital Archive
	RODULFO CAYABYAB	EDR Digital Archive
2017	ALEXANDER SAYO	Cole Information
2014	MARIA SAYO	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HUNTER DEBRA	Cole Information
	MARICHU DECENDARIO	Cole Information
2010	ALEXANDER SAYO	Cole Information
	LANCE HUNTER	Cole Information
	MARJORIE OLIVARES	Cole Information
2005	ANGELI PENALOZA	Cole Information
	ALBA JULIAN	Cole Information
	DEBRA HUNTER	Cole Information
	GARY OLIVAS	Cole Information
2001	GUDIELJase	Haines Company, Inc.
	HUNTER Debra	Haines Company, Inc.
2000	DEBRA HUNTER	Cole Information
	JOSE GUDIEL	Cole Information
1996	B Gonzales Edgar	Pacific Bell
1995	WAGER, DENISE	Cole Information
1992	KO, TUYUNG	Cole Information
1991	DINH DANG BANG	PACIFIC BELL WHITE PAGES
	Dinh Dang Bang	PACIFIC BELL WHITE PAGES
1986	im Kyungja	Pacific Bell
	Kim Kyung Won	Pacific Bell
1985	ALLEN M T	Pacific Bell
	CHANG DONG HAK	Pacific Bell
1980	Yarrington Jeri	Pacific Telephone
1974	b Vacant	R. L. Polk Co.
1970	a Usadell Nannette Mrs	R. L. Polk & Co.
	b Ferrell Ray	R. L. Polk & Co.

2729 CHROMITE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	XIOMARA GONZALEZ	EDR Digital Archive
	MARJORIE OLIVARES	EDR Digital Archive
	AMERICA NOLASCO	EDR Digital Archive
	LUIS OLIVARES	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	NOLASCO AMERICA	Cole Information
	CARLOS BARILLAS	Cole Information
	HECTOR OLIVARES	Cole Information
2014	RICARDO ARIAS	Cole Information
2010	LIDIA NIETO	Cole Information
	LUIS OLIVARES	Cole Information
2005	LUIS OLIVARES	Cole Information
2000	DONNA BETZER	Cole Information
1996	A Lopez Samuel & Delores	Pacific Bell
1995	LOPEZ, SAMUEL	Cole Information
1991	BATES MELVIN J	PACIFIC BELL WHITE PAGES
	Bates Melvin J	PACIFIC BELL WHITE PAGES
1986	Bates Melvin J	Pacific Bell
	Bates Melvin J	Pacific Bell
1985	BATES MELVIN J	Pacific Bell
	BATES MELVIN J	Pacific Bell
1980	Bates Melvin J	Pacific Telephone
	Bates Melvin J	Pacific Telephone
	Rogers Jeff	Pacific Telephone
1975	BATES M J & SON RUG & UPHOLSTERY CLEANERS	Pacific Telephone
	HARTZELL BUTCH	Pacific Telephone
	OSWALD C	Pacific Telephone
	BATES M J & SON RUG & UPHOLSTERY CLEANERS	Pacific Telephone
1974	Alhambra Garden Apartments	R. L. Polk Co.
	A Bates Melvin J	R. L. Polk Co.
	B N Carson G	R. L. Polk Co.
	C N Klundt K	R. L. Polk Co.
	D N Mealer T	R. L. Polk Co.
1970	Alhambra Garden Apartments	R. L. Polk & Co.
	A Lamps Fredk W	R. L. Polk & Co.
	B Lucero Roger	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	C Carter David P D Affleck Vance R	R. L. Polk & Co.

CHROMLTE DR

2719 CHROMLTE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Lee Tae	Pacific Telephone

CORTE DR

2601 CORTE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Continental Gardens	Pacific Bell

CORTEE DR

2601 CORTEE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Dunaway B	Pacific Telephone
	Lantelme W J	Pacific Telephone

CORTEZ DR

2600 CORTEZ DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	GATEWAY W FORCES	EDR Digital Archive
	EDEN'S BEST	EDR Digital Archive
2017	NAOKO MATSUZAWA	Cole Information
	BILGE TOPALOGLU	Cole Information
	JENNIFER WATSON	Cole Information
	YICK WONG	Cole Information
	JEFFREY WU	Cole Information
	CHARLES BOUGHTON	Cole Information
	JACOB GENDLER	Cole Information
	MIGUEL MONTAGUE	Cole Information
	SUJIT THUMMA	Cole Information
	SHAWN VANITTERSUM	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ALBERT REED	Cole Information
	CHRISTOPHER GALAS	Cole Information
	MEHRZAD KARIMABADI	Cole Information
	ERIK WOLTERS	Cole Information
	KIT WONG-TAM	Cole Information
	PETER ALLEN	Cole Information
	NELSON ORTIZ	Cole Information
	EDMUNDO MUJCO	Cole Information
2014	KEVIN VINCENT	Cole Information
	LYZETTE CASTRO	Cole Information
	NAOKO MATSUZAWA	Cole Information
	JENNIFER WATSON	Cole Information
	AYLA DAVIS	Cole Information
	MICHAEL HARRISON	Cole Information
	ALBERT REED	Cole Information
	MEHRZAD KARIMABADI	Cole Information
	SHASHIKANTH SREENIVASIAH	Cole Information
	RASIT TOPALOGLU	Cole Information
	SUSAN BAER	Cole Information
	SUSAN DEE	Cole Information
	GINA FUENTES	Cole Information
	WAIKWONG WONG	Cole Information
	CHRIS JONES	Cole Information
	NELSON ORTIZ	Cole Information
	SADIA TAYAB	Cole Information
	JOSEPH KHODADADI	Cole Information
	ARUN RAJAN	Cole Information
	FELOMINO ADAN	Cole Information
EDMUNDO MUJCO	Cole Information	
2010	TED WESTERN	Cole Information
	KHALIL KARIMABADI	Cole Information
	PAUL KNITTEL	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	BRENDA MAILLO	Cole Information
	TETYANA MATSESHA	Cole Information
	WINNIE TONG	Cole Information
	AURORA DIAZ	Cole Information
	MERCY ANANDAPREMRAJ	Cole Information
	ALEJANDRO SANCHEZ	Cole Information
	MICHAEL HARRISON	Cole Information
	TONY CHEN	Cole Information
	LUCI BARNUM	Cole Information
	DAVID MYUNG	Cole Information
	RASIT TOPALOGLU	Cole Information
	BENJAMIN TRANG	Cole Information
	CARL YOUNG	Cole Information
	LUCRETIA WYNN	Cole Information
	PETER ALLEN	Cole Information
	KATHY DUONG	Cole Information
	WAI WONG	Cole Information
	NELSON ORTIZ	Cole Information
	MARLYNE HINOJOSA	Cole Information
	PEDRO RIN	Cole Information
AMY MARSLAND	Cole Information	
EDMUNDO MUJCO	Cole Information	
MUDDU SUDHAKAR	Cole Information	
TARA ESQUIVEL	Cole Information	
2005	CO CLEANING SERVICE	Cole Information
	LEMOINE & DAUGHTERS	Cole Information
	VIRGIL DRILLS INTERNATIONAL	Cole Information
	LEMOINE AND DAUGHTERS	Cole Information
	REDEMSION PRA TSI	Cole Information
	AURORA DIAZ	Cole Information
	PEDRO GARDUNO	Cole Information
RIXIN ZHU	Cole Information	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CATALINA HERNANDEZ	Cole Information
	JOEY GUERRERO	Cole Information
	HOA PHUONG	Cole Information
	MARIA CRUZ	Cole Information
	MARTHA PERAZA	Cole Information
	INDRAJITH GOVINDARAJU	Cole Information
	SHENGWEN DENG	Cole Information
	YENGLER FERNANDO	Cole Information
2001	APARTMENTS CRUZ Maria Teresa	Haines Company, Inc.
	MANOHARAN Ramkumar	Haines Company, Inc.
	NGUYEN Hanh	Haines Company, Inc.
	NGUYEN Phuong T	Haines Company, Inc.
	PHUONG Has Le	Haines Company, Inc.
2000	R MANOHARAN	Cole Information
	PHUONG NGUYEN	Cole Information
	RAVI SUNDARAM	Cole Information
	TVAN TRAN	Cole Information
	ALICIA TAMISIN	Cole Information
	HOA PHUONG	Cole Information
	MARIA CRUZ	Cole Information
	LIEN TU	Cole Information
1996	62 Fitch Merver	Pacific Bell
	63 Paras Judeline	Pacific Bell
	72 Goodman Earle	Pacific Bell
	77 Phuong Hoa Le	Pacific Bell
	78 Goggiano Dan	Pacific Bell
1995	LIANG, COCO	Cole Information
	CASTOR, LISA K	Cole Information
	FITCH, MERVER	Cole Information
	ARREOLA, GUSTAVO	Cole Information
	LESLIE, RAYMOND	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	YOUNG, L R	Cole Information
	LIU, YING X	Cole Information
	ESCOBAR, CHRIS A	Cole Information
	LUO, JENE	Cole Information
	GU, ZENGER	Cole Information
	PARAS, R	Cole Information
	SU, YONG	Cole Information
1992	DREYER, PAUL F	Cole Information
	JOSEPH, C	Cole Information
1991	ARELLANO PHILIP J	PACIFIC BELL WHITE PAGES
	BHATIA SHAM	PACIFIC BELL WHITE PAGES
	FITCH MERVER	PACIFIC BELL WHITE PAGES
	HERNANDEZ ZOE ANN	PACIFIC BELL WHITE PAGES
	JOSEPH C	PACIFIC BELL WHITE PAGES
	MOLINA ROSARIO	PACIFIC BELL WHITE PAGES
	Arellano Philip J	PACIFIC BELL WHITE PAGES
	Bhatia Sham	PACIFIC BELL WHITE PAGES
	Rhatt Harish	PACIFIC BELL WHITE PAGES
	Fitch Merver	PACIFIC BELL WHITE PAGES
	Hernandez Zoe Ann	PACIFIC BELL WHITE PAGES
	Joseph C	PACIFIC BELL WHITE PAGES
	Molina Rosario	PACIFIC BELL WHITE PAGES
1986	Flares Richard	Pacific Bell
	Hernandez Zoe Ann	Pacific Bell
	Krager Robt	Pacific Bell
1985	CANGIAMILLA N	Pacific Bell
	DURAN ROBERT R	Pacific Bell
	DWIRIELLS JAS C	Pacific Bell
	GOMEZ DAVID	Pacific Bell
	HERNANDEZ RONALD E	Pacific Bell
	LOUGHRAN DEBORAH	Pacific Bell
	PACHECO S	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	WRIGHT NANCY L	Pacific Bell
1980	Cangiatmilla N & M	Pacific Telephone
	Dw ineos Jas C	Pacific Telephone
	Gal George	Pacific Telephone
	Herbert Jack R	Pacific Telephone
	Hooker James S	Pacific Telephone
	Hugill Victor	Pacific Telephone
	Hurd D	Pacific Telephone
	Kelso Jerry	Pacific Telephone
	Libby W C	Pacific Telephone
	Solomon Neal	Pacific Telephone
1975	BEYER ALFRED	Pacific Telephone
	BORG LINN	Pacific Telephone
	CLAY WALTER A	Pacific Telephone
	DENNY JOH	Pacific Telephone
	LIANG JAS	Pacific Telephone
	MAHONEY MARTIN	Pacific Telephone
	MC CANN N G	Pacific Telephone
	PEREZ L A H	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Helms Gary R	R. L. Polk Co.
	N Corpio J	R. L. Polk Co.
	N Diamond R	R. L. Polk Co.
	N Stephens David R	R. L. Polk Co.
	N Schw enkler J	R. L. Polk Co.
	N Dagelew A	R. L. Polk Co.
	N Sobczyn H	R. L. Polk Co.
	N OToole L E	R. L. Polk Co.
	N Purse Clyde R	R. L. Polk Co.
	N Keller Craig	R. L. Polk Co.
	N Liang James	R. L. Polk Co.
	Vacant	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Huggins A	R. L. Polk Co.
	N Borg Linn	R. L. Polk Co.
	N Fortino S	R. L. Polk Co.
	N Tavassoli S	R. L. Polk Co.
	N Bergman W	R. L. Polk Co.
	Vacant	R. L. Polk Co.
	N Canada Wm	R. L. Polk Co.
	N Mac Hevin R	R. L. Polk Co.
	N Allen Gary	R. L. Polk Co.
	N Mow ry R	R. L. Polk Co.
	N Crabb D	R. L. Polk Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MONA LUANGVALA	Cole Information
	MICHAEL QUERY	Cole Information
	LIANG SHAO	Cole Information
	KYLE FEUERHELM	Cole Information
	VARUN GARINEY	Cole Information
	JOSE GONZALEZ	Cole Information
	HEEYEON KIM	Cole Information
	CECILIA RIVERA	Cole Information
	WILLIAM ESPINOZA	Cole Information
	PIROOZ HASHEMI	Cole Information
	ROBERT HINOJOSA	Cole Information
	RIZEQ ISAID	Cole Information
	M JAVED	Cole Information
	LARRY KAUFMAN	Cole Information
	BRENT KAWAYE	Cole Information
	JOSEPH CAHOON	Cole Information
	STEPHANIE CHEN	Cole Information
	JULIA CHOI	Cole Information
	ATANAS GEORGIEV	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MAURY GREEN	Cole Information
	SAMIR HRNJADOVIC	Cole Information
	PRATHAM KAILASH	Cole Information
	SHEETAL PARTANI	Cole Information
	JOANNE WEGENER	Cole Information
	FERGII ALTUKHOV	Cole Information
	ANDREA CABELLO	Cole Information
	RIZALINA ESPIRITU	Cole Information
	YI HUANG	Cole Information
	JONATHAN LEDER	Cole Information
	GARY MOJICA	Cole Information
	YAEL VIERNY	Cole Information
	KENNETH ARMSTRONG	Cole Information
	CLAUDIA CANAS	Cole Information
	SCOTT GRANT	Cole Information
	SUNGHO LEE	Cole Information
	CHI PHAM	Cole Information
	ANNE SILVERMAN	Cole Information
	DENISE TU	Cole Information
	JENNIFER WANG	Cole Information
	MIAO WANG	Cole Information
	TODD CUSHMAN	Cole Information
	JISUNG KIM	Cole Information
	JIYOUNG NOH	Cole Information
	NATHAN STOCKWELL	Cole Information
	MICHAEL DIAZ	Cole Information
2014	WILSON BATANGAN	Cole Information
	JAMIN BROWN	Cole Information
	ROBERT LEE	Cole Information
	MONA LUANGVALA	Cole Information
	ROMEY MARTINEZ	Cole Information
	BRETT MAZIARZ	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SALI MOHAMMED	Cole Information
	JOHAN ALTAMIRANO	Cole Information
	CHRISTIAN DUMAIS	Cole Information
	ROSA ESPINOZA	Cole Information
	CECILIA RIVERA	Cole Information
	VARUN GARINEY	Cole Information
	DIANA NGO	Cole Information
	SHAUNA BANKS	Cole Information
	PIROOZ HASHEMI	Cole Information
	BRENT KAWAYE	Cole Information
	SHRIRAM KRISHNAMOORTHY	Cole Information
	RIZEQ ISAID	Cole Information
	JAMES ARNTZ	Cole Information
	SATISH BISHT	Cole Information
	SAMIR HRNJADOVIC	Cole Information
	PRAITHAM KAILASH	Cole Information
	ERIC JOHNSON	Cole Information
	VIKRAM SURENDRA	Cole Information
	ATANAS GEORGIEV	Cole Information
	JOSE NEGRETE	Cole Information
	ANDREA CABELLO	Cole Information
	NEVIN CHUNG	Cole Information
	NATALIA ROSA	Cole Information
	YILMAZ AK	Cole Information
	KENNETH ARMSTRONG	Cole Information
	CLAUDIA CANAS	Cole Information
	JAMES FARRIS	Cole Information
	JEREMY THORNTON	Cole Information
	YUEN CHAN	Cole Information
	KRISTIN HIRATSUKA	Cole Information
	HYESUNG LEE	Cole Information
	MAGGIE LI	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ANGELA MOBEGI	Cole Information
	JENNIFER WANG	Cole Information
	CHI PHAM	Cole Information
	SCOTT BATES	Cole Information
	MICHAEL DIAZ	Cole Information
	MAURICE FRANCIS	Cole Information
	CRAIG RIVERA	Cole Information
	ARINA TIMOFEEVA	Cole Information
	JIYOUNG NOH	Cole Information
2010	GOLD COAST RENOVATIONS INC	Cole Information
	ALBERT MARK	Cole Information
	ROBERT LEE	Cole Information
	IGNACIO MILLARES	Cole Information
	MONA LUANGVALA	Cole Information
	SHUANGXIA ZHU	Cole Information
	FASIL MAMO	Cole Information
	LUZ MORENO	Cole Information
	CHRISTIAN DUMAIS	Cole Information
	WILLIAM ESPINOZA	Cole Information
	SUSANA CHAVEZ	Cole Information
	HEATHER STOCKWELL	Cole Information
	ERIN WHITTAKER	Cole Information
	JEH LIN	Cole Information
	DIANA NGO	Cole Information
	SANDRA BRUNK	Cole Information
	JOHN ARTHUR	Cole Information
	JONATHAN MARTINEZ	Cole Information
	DEBRA MORRIS	Cole Information
	BRENT KAWAYE	Cole Information
	DANIEL RICHARDSON	Cole Information
	PIROOZ HASHEMI	Cole Information
	SCOTT VENTO	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	RIZEQ ISAID	Cole Information
	GERRY REBUGIO	Cole Information
	CHRISTOPHER DEOCAMPO	Cole Information
	NATHAN URIBE	Cole Information
	JAMES ARNTZ	Cole Information
	PRATHAM KAILASH	Cole Information
	GORDON LEE	Cole Information
	LISA CARUSO	Cole Information
	BLANCA SOLORIO	Cole Information
	SARAH KIM	Cole Information
	SAMIR HRNJADOVIC	Cole Information
	ATANAS GEORGIEV	Cole Information
	SALCEDO JOSE	Cole Information
	SATISH BISHT	Cole Information
	JONATHAN RODRIGUEZ	Cole Information
	JENN HIONIS	Cole Information
	JOANNE WEGENER	Cole Information
	BRIAN MCLAUGHLIN	Cole Information
	MICHAEL KIEFER	Cole Information
	SARAH WILSON	Cole Information
	KENNETH ARMSTRONG	Cole Information
	BRETT ATKINSON	Cole Information
	LOUIS ROJAS	Cole Information
	JONATHAN LEDER	Cole Information
	CLAUDIA CANAS	Cole Information
	LISA CASRUSO	Cole Information
	JAMES FARRIS	Cole Information
	ANTONIO SOMERA	Cole Information
	JEREMY THORNTON	Cole Information
	STEVEN JOHNSON	Cole Information
	CHI PHAM	Cole Information
	MICHAEL BENNETT	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ENIDT SOLANO	Cole Information
	MICHELE ELEEN	Cole Information
	JENNIFER WANG	Cole Information
	RAKESH PODDAR	Cole Information
	SONJA BRAVO	Cole Information
	CHRISTOPHER ROSA	Cole Information
	MICHAEL DIAZ	Cole Information
	DANIEL GIBERMAN	Cole Information
	DAVID GONZALES	Cole Information
	JOEY GONZALEZ	Cole Information
2005	MAURICE FRANCIS	Cole Information
	CONTINENTAL GARDEN APARTMENT	Cole Information
	SUNRISE WEST INVESTMENTS LTD	Cole Information
	ADRIANA GARCIA	Cole Information
	FRANCIS CACDAC	Cole Information
	WILSON BATANGAN	Cole Information
	VANCE FORSTER	Cole Information
	SANDRA RAY	Cole Information
	LORI WILLIAMS	Cole Information
	SALVADOR CHAVEZ	Cole Information
	SANDRA BRUNK	Cole Information
	FASIL MAMO	Cole Information
	JOSE DELGADO-SOLOREO	Cole Information
	MARIA GUTIERREZ	Cole Information
	MARIEBESS YSMAEL	Cole Information
	FIDENCIO CONTRERAS	Cole Information
	FORREST COOMER	Cole Information
	RAJDEEP JAISWAL	Cole Information
	SALCEDO JOSE	Cole Information
	DOUG GREGORY	Cole Information
PATRICIA CANDELARIA	Cole Information	
CHARLES THOMAS	Cole Information	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ROBERTO ESPARCA	Cole Information
	MANOHAR ELUMALAI	Cole Information
	BRADIE WEDGEWORTH	Cole Information
	THOMAS TILFORD	Cole Information
	SENTHIL THIAGARAJAN	Cole Information
	MAR CARPIO	Cole Information
	AMALIA CASTILLO	Cole Information
	KHAN NASER	Cole Information
	RODRIGO PANLAQUI	Cole Information
	JOSEPH BOUDREAU	Cole Information
AMY MAGAGNA	Cole Information	
2001	CONTINENTAL GARDENS AVILES Jase L	Haines Company, Inc.
	BADE Rolando	Haines Company, Inc.
	BILLOTE Annie B	Haines Company, Inc.
	BOUDREAU Joseph	Haines Company, Inc.
	CACDAC Francis A	Haines Company, Inc.
	CONTL GARDENS	Haines Company, Inc.
	CONTRERAS Frdencro	Haines Company, Inc.
	DELGADO Marcela	Haines Company, Inc.
	ELUMALAI Manohar	Haines Company, Inc.
	GODAT Morgan	Haines Company, Inc.
	HYLKEVA William J	Haines Company, Inc.
	JOTHI Karthikeyan	Haines Company, Inc.
	KIEFER Michael	Haines Company, Inc.
	MARTINEZ Miguel Angel	Haines Company, Inc.
	PUOUSHOTHAMAN	Haines Company, Inc.
Ramachanbran PURUSHOTHAMAN	Haines Company, Inc.	
Ramachanbran VENKATESALU	Haines Company, Inc.	
Relagopal	Haines Company, Inc.	
2000	CONTINENTAL GARDENS	Cole Information
	MIGUEL MARTINEZ	Cole Information
	FRANCIS CACDAC	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MARCELA DELGADO	Cole Information
	MARCIAL DELGADO	Cole Information
	RIM EL	Cole Information
	SANDRA RAY	Cole Information
	V ROXAS	Cole Information
	SHARON SCROGGINS	Cole Information
	ERLINDA BADE	Cole Information
	THOMAS UNDERHILL	Cole Information
	JANE CHURCHILL	Cole Information
	ABDUL JABBAR	Cole Information
	GEORGE NYAEGA	Cole Information
	JOSE AVILES	Cole Information
	R VENKATESALU	Cole Information
	MICHAEL KIEFER	Cole Information
	LEATHEL GRODY	Cole Information
	AMBER PARRISH	Cole Information
	RIM ELEIMY	Cole Information
	J GALLANOSA	Cole Information
	J GAPUZ	Cole Information
	F CONTRERAS	Cole Information
	F PADUGA	Cole Information
	RAJESH NEELAKANTAM	Cole Information
	M TAWFIK	Cole Information
WILLIAM HYLKEMA	Cole Information	
SENTHIL THIAGARAJAN	Cole Information	
ANNIE BILLOTE	Cole Information	
JOSEPH BOUDREAU	Cole Information	
1996	5 Contreras Fidencio	Pacific Bell
	20 Johnson Shane	Pacific Bell
	26 Clones Loralee A	Pacific Bell
	27 Boudreau Joseph	Pacific Bell
	35 Hylkema William J	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	43 Fang Hong Guang	Pacific Bell
	58 Edano Maria	Pacific Bell
	OFC CONTINENTAL GARDENS	Pacific Bell
1995	CONTINENTAL GARDENS	Cole Information
	BERUMEN, EDWARD D	Cole Information
	ARREOLA, GUSTAVO	Cole Information
	VO, DUC	Cole Information
	JONES, DENISE	Cole Information
	KERSEY, LYNETTE	Cole Information
	NGUYEN, D	Cole Information
	DOSS, CHERISE	Cole Information
	MORENO, S	Cole Information
	CARPENTER, BILL	Cole Information
	EDANO, M	Cole Information
	BOUDREAU, JOSEPH	Cole Information
	PERIUT, CARLOS	Cole Information
	ALWARD, EDWARD L	Cole Information
	ALI, MEHBOOB	Cole Information
	PROSSER, JOHN	Cole Information
	HYLKEMA, WILLIAM J	Cole Information
	OROPEZA, TERESA	Cole Information
	MIDDLETON, CLAUDIA	Cole Information
	RILEY, DEBBIE	Cole Information
PADILLA, JOSE A	Cole Information	
1992	CONTL GARDENS	Cole Information
	BERUMEN, EDWARD D	Cole Information
	MARTINEZ, JESSE	Cole Information
	ALI, TAHNIET M	Cole Information
	DELGADO, JUAN S	Cole Information
1991	ALI, MIR T	Cole Information
	BALLARD L	PACIFIC BELL WHITE PAGES
	BOUDREAU JOSEPH	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	CONTINENTAL GARDENS	PACIFIC BELL WHITE PAGES
	HOUCK FRED	PACIFIC BELL WHITE PAGES
	HYLKEMA WILLIAM J	PACIFIC BELL WHITE PAGES
	KUYKENDALL J & M	PACIFIC BELL WHITE PAGES
	PATAL RAMA	PACIFIC BELL WHITE PAGES
	PROSSER JOHN & MARIAN	PACIFIC BELL WHITE PAGES
	RAMIREZ CHRIS VAL	PACIFIC BELL WHITE PAGES
	Ballard L	PACIFIC BELL WHITE PAGES
	Boudreau Joseph	PACIFIC BELL WHITE PAGES
	Continental Gardens	PACIFIC BELL WHITE PAGES
	Houck Fred	PACIFIC BELL WHITE PAGES
	Hylkema William J	PACIFIC BELL WHITE PAGES
	Kuykendall J & M	PACIFIC BELL WHITE PAGES
	Patal Rama	PACIFIC BELL WHITE PAGES
	Prosser John & Marian	PACIFIC BELL WHITE PAGES
Ramirez Chris Val	PACIFIC BELL WHITE PAGES	
1986	Ashwani Sharma	Pacific Bell
	Fallert John	Pacific Bell
	Kim Cholsu	Pacific Bell
	Lynch Mike	Pacific Bell
	Nugent Chris	Pacific Bell
	Purvis Alan	Pacific Bell
	1985	QUIROZ JESS
CARPER LARRY		Pacific Bell
CONTINENTAL GARDENS		Pacific Bell
DAVIS LARRY R		Pacific Bell
DESIND MICHAEL		Pacific Bell
DUNAWAY B		Pacific Bell
ERKKILA FRANK H		Pacific Bell
PALLERT JOHN		Pacific Bell
HYLKEMA WILLIAM J		Pacific Bell
JACK R		Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	KIM CHOLSU	Pacific Bell
	LOUGHRAN K	Pacific Bell
	LYNCH MIKE	Pacific Bell
	RAUSCHER RONALD	Pacific Bell
	RIICHARD JOHNT R	Pacific Bell
	ROBINSON GALE	Pacific Bell
	SCHIMPELER AMY	Pacific Bell
	SUMII KATHY	Pacific Bell
	VAGGELARAS MARGARET T	Pacific Bell
1980	Bravo L	Pacific Telephone
	Brow n Charlie P	Pacific Telephone
	Butler R	Pacific Telephone
	Carper Larry	Pacific Telephone
	Continental Gardens	Pacific Telephone
	Corniel Ronald	Pacific Telephone
	Davis Larry R	Pacific Telephone
	Dunaw ay B	Pacific Telephone
	Hernandez Ronald E	Pacific Telephone
	Kidd C B	Pacific Telephone
	Napoli Jas A	Pacific Telephone
	Oxhandler Nathan	Pacific Telephone
	Sung Kee Ahng	Pacific Telephone
	Whitney L L	Pacific Telephone
1975	ANTHONY KENNETH L	Pacific Telephone
	BLOOMSTROM GREGORY	Pacific Telephone
	BONACORSI B	Pacific Telephone
	CAMPBELL KENNETH	Pacific Telephone
	CARPER LARRY	Pacific Telephone
	DAVIS JAMES T JR	Pacific Telephone
	MURPHY WM G	Pacific Telephone
	NELSON STANLEY C	Pacific Telephone
SCOTT CAROLYN	Pacific Telephone	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	SIMMONS KENT	Pacific Telephone
	STEWART ERIC C	Pacific Telephone
	TAYLOR ROBT E	Pacific Telephone
	THERLAULT DON G	Pacific Telephone
	WADE G M	Pacific Telephone
	WEST PAT	Pacific Telephone
	WOOD RONALD W	Pacific Telephone
1974	Apartments	R. L. Polk Co.
	N Rhodes Carl J	R. L. Polk Co.
	N Nerrow Thos	R. L. Polk Co.
	N Hopkin Wayne	R. L. Polk Co.
	N Ford A	R. L. Polk Co.
	N Young V	R. L. Polk Co.
	N Martinez Michl	R. L. Polk Co.
	N Bissel A	R. L. Polk Co.
	Vacant	R. L. Polk Co.
	N Serna R	R. L. Polk Co.
	N Mc Cann N	R. L. Polk Co.
	N Ford M	R. L. Polk Co.
	N Chacolla A	R. L. Polk Co.
	N Valencia Richd	R. L. Polk Co.
	N Belleltini Bernadette M	R. L. Polk Co.
	N Theriault D	R. L. Polk Co.
	N Cabrinka J	R. L. Polk Co.
	N Medina R	R. L. Polk Co.
	N Ferrena R	R. L. Polk Co.
	N Scott Carolyn	R. L. Polk Co.
N Lawrence R	R. L. Polk Co.	
N Clearlock J J	R. L. Polk Co.	
N Cameron E	R. L. Polk Co.	
N Wagner M	R. L. Polk Co.	
N Hicks R	R. L. Polk Co.	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Ferrier N	R. L. Polk Co.
	N Olah M	R. L. Polk Co.
	N Bisel L	R. L. Polk Co.
	N Hohnes D	R. L. Polk Co.
	N Sztorc K	R. L. Polk Co.
	CORTEZ DR SC Contd	R. L. Polk Co.
	N Vance R	R. L. Polk Co.
	N Quiroz R	R. L. Polk Co.
	N Funderburg F	R. L. Polk Co.
	N Houlihan J	R. L. Polk Co.
	N Anthis R	R. L. Polk Co.
	N Stuart D	R. L. Polk Co.
	N Wade G	R. L. Polk Co.
	N Wiley M	R. L. Polk Co.
	N Morgan K	R. L. Polk Co.
	N Clayborne Y	R. L. Polk Co.
	N Pick Geo	R. L. Polk Co.
	N Ahmad Muzaffar	R. L. Polk Co.
	N Solorio J	R. L. Polk Co.
	N Edwards A	R. L. Polk Co.
	No Return	R. L. Polk Co.
	N Marcotte K	R. L. Polk Co.
	N Jimenez	R. L. Polk Co.
	N Mc Coy J	R. L. Polk Co.
	N Behdodnia Hasan	R. L. Polk Co.
	N Kohlhoefer H	R. L. Polk Co.
	N Johnson C	R. L. Polk Co.
	N Clark Pat K	R. L. Polk Co.
	N Mendoza Henry	R. L. Polk Co.
	N Copeland Richd D	R. L. Polk Co.
	N Rodoni Gregory	R. L. Polk Co.
	Vacant	R. L. Polk Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1974	N Lieu Yong Chiang	R. L. Polk Co.
	N Kramer Paul	R. L. Polk Co.
	N Shapiro H	R. L. Polk Co.
	N Elis L	R. L. Polk Co.

2700 CORTEZ DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MANUPO TURITURI	EDR Digital Archive
	KATHERINE TALENI	EDR Digital Archive
	DACIA TALENI	EDR Digital Archive
	NANATI TURITURI	EDR Digital Archive
2017	KATHERINE TALENI	Cole Information
2014	MANUEL DIAZ	Cole Information
	KATHERINE TALENI	Cole Information
	ENRIQUE LOPEZ	Cole Information
2010	DONNA BETZER	Cole Information
	KATHERINE TALENI	Cole Information
2005	DONNA BETZER	Cole Information
	RODOLFO RODRIGUEZ	Cole Information
	NANATI TURITURI	Cole Information
2001	7 UR 9 TURITALENI	Haines Company, Inc.
1992	NGO, TRIEN T	Cole Information
1991	PADILLA LOUIS	PACIFIC BELL WHITE PAGES
	Padilla Louis	PACIFIC BELL WHITE PAGES
1985	ELGADILLO ARMIDA M	Pacific Bell
1975	MILLER JAS	Pacific Telephone
	SHAPE S L	Pacific Telephone
1974	Alhambra Garden Apartments	R. L. Polk Co.
	A Johnaton Wm E	R. L. Polk Co.
	B N Shope S L	R. L. Polk Co.
	C N Miller James	R. L. Polk Co.
	D N Mizener S R	R. L. Polk Co.
1970	Alhambra Garden Apartments	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	A Fincher Paul	R. L. Polk & Co.
	B Williams Joyce Mrs	R. L. Polk & Co.
	C Thompson Lindsey	R. L. Polk & Co.
	D Healey Eugene	R. L. Polk & Co.

CORTEZ DR OFC 4201

2601 CORTEZ DR OFC 4201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CHRISTINE YEN	EDR Digital Archive

CORTEZ DR UNIT 1101

2601 CORTEZ DR UNIT 1101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	VARUN GARINEY	EDR Digital Archive

CORTEZ DR UNIT 1103

2601 CORTEZ DR UNIT 1103

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PEJI CHEN	EDR Digital Archive
	SU LYING	EDR Digital Archive

CORTEZ DR UNIT 1104

2601 CORTEZ DR UNIT 1104

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALLISON MARKS	EDR Digital Archive

CORTEZ DR UNIT 1105

2601 CORTEZ DR UNIT 1105

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ZACHARY MARISCAL	EDR Digital Archive
	CRISSY HUCKO	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 1106

2601 CORTEZ DR UNIT 1106

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SARAH KIM	EDR Digital Archive
	JIHYE NOH	EDR Digital Archive

CORTEZ DR UNIT 1201

2601 CORTEZ DR UNIT 1201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CECILIA RIVERA	EDR Digital Archive

CORTEZ DR UNIT 1203

2601 CORTEZ DR UNIT 1203

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BENJAMIN HOR	EDR Digital Archive

CORTEZ DR UNIT 1204

2601 CORTEZ DR UNIT 1204

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PIROOZ HASHEMI	EDR Digital Archive

CORTEZ DR UNIT 1205

2601 CORTEZ DR UNIT 1205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SURAYYA JABEEN	EDR Digital Archive
	ROSHAN SHAIK	EDR Digital Archive
	HARRY CHEW	EDR Digital Archive

CORTEZ DR UNIT 1206

2601 CORTEZ DR UNIT 1206

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CHI PHAM	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 2102

2601 CORTEZ DR UNIT 2102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ASILA NAHAS	EDR Digital Archive
	SALI MOHAMMED	EDR Digital Archive

CORTEZ DR UNIT 2103

2601 CORTEZ DR UNIT 2103

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ATANAS GEORGIEV	EDR Digital Archive

CORTEZ DR UNIT 2104

2601 CORTEZ DR UNIT 2104

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SHYAM PRABHAL	EDR Digital Archive
	NEEBA JAYARAMAN	EDR Digital Archive
	AMY DYDLEY	EDR Digital Archive

CORTEZ DR UNIT 2201

2601 CORTEZ DR UNIT 2201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	YI HUANG	EDR Digital Archive
	NEVIN CHUNG	EDR Digital Archive
	TAI NEVIN	EDR Digital Archive

CORTEZ DR UNIT 2202

2601 CORTEZ DR UNIT 2202

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JEH LIN	EDR Digital Archive
	DEVIE SUMYATI	EDR Digital Archive
	ICH LIN	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 2203

2601 CORTEZ DR UNIT 2203

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MICHAEL BENNETT	EDR Digital Archive
	HEQING BENNETT	EDR Digital Archive

CORTEZ DR UNIT 2204

2601 CORTEZ DR UNIT 2204

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DIANA NGO-BLAKE	EDR Digital Archive

CORTEZ DR UNIT 3101

2601 CORTEZ DR UNIT 3101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	HEEY EON KIM	EDR Digital Archive

CORTEZ DR UNIT 3102

2601 CORTEZ DR UNIT 3102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MAURY GREEN-JR	EDR Digital Archive

CORTEZ DR UNIT 3103

2601 CORTEZ DR UNIT 3103

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	AMY QUERY	EDR Digital Archive
	CHRISTIAN DUMAIS	EDR Digital Archive
	MICHAEL QUERY	EDR Digital Archive

CORTEZ DR UNIT 3105

2601 CORTEZ DR UNIT 3105

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BAC TRAN	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 3108

2601 CORTEZ DR UNIT 3108

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NATALIA ROSA	EDR Digital Archive
	JULIA CHOI	EDR Digital Archive

CORTEZ DR UNIT 3109

2601 CORTEZ DR UNIT 3109

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LARRY KAUFMAN	EDR Digital Archive

CORTEZ DR UNIT 3202

2601 CORTEZ DR UNIT 3202

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	THOMAS CHAN	EDR Digital Archive
	JONATHAN RODRIGUEZ	EDR Digital Archive
	JENNIFER MATTIER	EDR Digital Archive

CORTEZ DR UNIT 3205

2601 CORTEZ DR UNIT 3205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	GARYZALDY MOJICA	EDR Digital Archive

CORTEZ DR UNIT 3206

2601 CORTEZ DR UNIT 3206

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RENEE THORNTON	EDR Digital Archive
	JEREMY THORNTON	EDR Digital Archive

CORTEZ DR UNIT 3207

2601 CORTEZ DR UNIT 3207

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JIANG AI	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DIAN ZENG	EDR Digital Archive

CORTEZ DR UNIT 3208

2601 CORTEZ DR UNIT 3208

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SHAO LIANG	EDR Digital Archive

CORTEZ DR UNIT 3209

2601 CORTEZ DR UNIT 3209

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BUMING BIAN	EDR Digital Archive
	CHEN XIN	EDR Digital Archive
	BUMING BLAN	EDR Digital Archive

CORTEZ DR UNIT 5101

2601 CORTEZ DR UNIT 5101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ROBERT HINOJOSA	EDR Digital Archive

CORTEZ DR UNIT 5102

2601 CORTEZ DR UNIT 5102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SOOKYUM WOO	EDR Digital Archive

CORTEZ DR UNIT 5103

2601 CORTEZ DR UNIT 5103

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RIZEQ ISAID	EDR Digital Archive
	PETER ISAID	EDR Digital Archive
	MARY ISAID	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 5105

2601 CORTEZ DR UNIT 5105

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TODD CUSHMAN	EDR Digital Archive

CORTEZ DR UNIT 5106

2601 CORTEZ DR UNIT 5106

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ANDREA CABELLO	EDR Digital Archive

CORTEZ DR UNIT 5107

2601 CORTEZ DR UNIT 5107

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SCOTT GRANT	EDR Digital Archive

CORTEZ DR UNIT 5109

2601 CORTEZ DR UNIT 5109

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	KATHLEEN ARMSTRONG	EDR Digital Archive
	KENNETH ARMSTRONG	EDR Digital Archive

CORTEZ DR UNIT 5110

2601 CORTEZ DR UNIT 5110

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	WILLIAM ESPINOZA	EDR Digital Archive
	ROSA ESPINOZA	EDR Digital Archive

CORTEZ DR UNIT 5201

2601 CORTEZ DR UNIT 5201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ROCCO TANGORRA	EDR Digital Archive
	MONICA GOEL	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 5202

2601 CORTEZ DR UNIT 5202

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SAMIR HRNJADOVIC	EDR Digital Archive

CORTEZ DR UNIT 5204

2601 CORTEZ DR UNIT 5204

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LINGLING GUO	EDR Digital Archive
	KE-YAO WANG	EDR Digital Archive

CORTEZ DR UNIT 5206

2601 CORTEZ DR UNIT 5206

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	KEVIN LI	EDR Digital Archive
	TWEETIE ZHEN	EDR Digital Archive

CORTEZ DR UNIT 5207

2601 CORTEZ DR UNIT 5207

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RIZALINA ESPIRITU	EDR Digital Archive

CORTEZ DR UNIT 5210

2601 CORTEZ DR UNIT 5210

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LEANNE FERREIRA	EDR Digital Archive

CORTEZ DR UNIT 6101

2600 CORTEZ DR UNIT 6101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JENNIFER WATSON	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 6102

2600 CORTEZ DR UNIT 6102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALEJANDRO SANCHEZ	EDR Digital Archive
	JACKELYN SANCHEZ	EDR Digital Archive
	CASSIDY HASKELL	EDR Digital Archive
	KHODADADI KHOSROW	EDR Digital Archive

CORTEZ DR UNIT 6201

2600 CORTEZ DR UNIT 6201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	GERRY LEONES	EDR Digital Archive

CORTEZ DR UNIT 6202

2600 CORTEZ DR UNIT 6202

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JEFFREY WU	EDR Digital Archive
	LUCRETIA WYNN	EDR Digital Archive
	MICHAEL COUGHLIN	EDR Digital Archive

CORTEZ DR UNIT 7101

2600 CORTEZ DR UNIT 7101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LAILA MUYCO	EDR Digital Archive
	EDMUNDO MUYCO	EDR Digital Archive

CORTEZ DR UNIT 7102

2600 CORTEZ DR UNIT 7102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TIN WONG	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 7105

2600 CORTEZ DR UNIT 7105

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CHARLES BOUGHTON	EDR Digital Archive

CORTEZ DR UNIT 7106

2600 CORTEZ DR UNIT 7106

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TAM WONG	EDR Digital Archive
	KIT TAM	EDR Digital Archive
	WAI WONG	EDR Digital Archive

CORTEZ DR UNIT 7201

2600 CORTEZ DR UNIT 7201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRANDON REED	EDR Digital Archive

CORTEZ DR UNIT 7203

2600 CORTEZ DR UNIT 7203

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ANDREI NETCHITALIOUK	EDR Digital Archive

CORTEZ DR UNIT 7204

2600 CORTEZ DR UNIT 7204

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	WINNIE TONG	EDR Digital Archive

CORTEZ DR UNIT 7205

2600 CORTEZ DR UNIT 7205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	CHWEN SHIEH	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 7206

2600 CORTEZ DR UNIT 7206

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	TAHMINA IMAM	EDR Digital Archive

CORTEZ DR UNIT 8101

2600 CORTEZ DR UNIT 8101

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ZEBA PARVEEN	EDR Digital Archive
	QAISER KHAN	EDR Digital Archive

CORTEZ DR UNIT 8102

2600 CORTEZ DR UNIT 8102

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NELSON ORTIZ	EDR Digital Archive

CORTEZ DR UNIT 8201

2600 CORTEZ DR UNIT 8201

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	HOLLY ACOSTA	EDR Digital Archive

CORTEZ DR UNIT 8202

2600 CORTEZ DR UNIT 8202

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RAZIEH RASOULI	EDR Digital Archive
	MEHRZAD KARIMABADI	EDR Digital Archive
	NIKZAD KARIMABADI	EDR Digital Archive
	SHAHRAZAN KARIMABADI	EDR Digital Archive

CORTEZ DR UNIT 8203

2600 CORTEZ DR UNIT 8203

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NAOKO MATSUZAWA	EDR Digital Archive

FINDINGS

CORTEZ DR UNIT 8204

2600 CORTEZ DR UNIT 8204

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RASIT TOPALOGLU	EDR Digital Archive

CORTEZT DR

2700 CORTEZT DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Delgadillo Armida M	Pacific Bell

CURTES DR

2601 CURTES DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Rodriguez Sabrina	Pacific Telephone

KENTWORTH WAY

2639 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	WAGONER RICHARD A	Pacific Telephone

2650 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	STEVEN TRUFFA	EDR Digital Archive
2017	STEVEN TRUFFA	Cole Information
2014	STEVEN TRUFFA	Cole Information
2010	STEVEN TRUFFA	Cole Information
2005	STEVEN TRUFFA	Cole Information
2001	OTRUFFA Slevan	Haines Company, Inc.
1995	NAIRN, APRIL M	Cole Information
1980	Truffa James	Pacific Telephone
1975	TRUFFA STEVEN	Pacific Telephone
	TRUFFA JATNES	Pacific Telephone

FINDINGS

2651 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ARTHUR JANECKI	EDR Digital Archive
2017	DALE SCHOUTEN	Cole Information
2014	DALE SCHOUTEN	Cole Information
2010	DALE SCHOUTEN	Cole Information
2001	e SCHOUTEN Dala	Haines Company, Inc.
2000	OCCUPANT UNKNOWN	Cole Information
1992	ADAMS, TERI	Cole Information
1986	Flagsberg Seth	Pacific Bell
	F kiaras Argerios	Pacific Bell

2652 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SHAUVI ROGERS	EDR Digital Archive
2017	JOSEPH MURPHY	Cole Information
2014	JOSEPH MURPHY	Cole Information
2010	SHUVI ROGERS	Cole Information
2005	EZEKIEL DEASIS	Cole Information
2001	RAYMONDMrchael	Haines Company, Inc.
1995	AGUILAR, ANGELA	Cole Information
1985	STRAUSS RANDY A	Pacific Bell
1975	MC GOVERN DANE	Pacific Telephone

2653 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	RENEE MALAVE	EDR Digital Archive
	RICHARD MALAVE	EDR Digital Archive
	TONYA MALAVE	EDR Digital Archive
2017	RICHARD MALAVE	Cole Information
2014	RICHARD MALAVE	Cole Information
2010	RICHARD MALAVE	Cole Information
2005	TORY WOODWARD	Cole Information
	RICHARD MALAVE	Cole Information
2001	SMALAVE Richard	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RICHARD MALAVE	Cole Information
1995	MALAVE, RICHARD	Cole Information
1985	VAN LEEUWAARDE ROBT	Pacific Bell
1980	Kiser David	Pacific Telephone
	Ropp John	Pacific Telephone
1975	BURGDORF OTTO	Pacific Telephone

2654 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JERRY NELSON	Cole Information
2014	DENNIS BUFKIN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2001	NELSON deny	Haines Company, Inc.
2000	M MABUGAT	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

2655 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ZABIH AKHTAR	EDR Digital Archive
	USAYD AKHTAR	EDR Digital Archive
	SHAGUFTA AKHTAR	EDR Digital Archive
	NASHWAH AKHTAR	EDR Digital Archive
2017	SHAGUFTA AKHTAR	Cole Information
2014	SHAGUFTA AKHTAR	Cole Information
2010	ZABITH AKHTAR	Cole Information
2001	THOMAS Kenneth	Haines Company, Inc.
2000	NASIR ABIDI	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1991	PIWERLLOUSE TECHNOLOGIES	PACIFIC BELL WHITE PAGES
	THOMAS KENNETH E	PACIFIC BELL WHITE PAGES
	Thomas Kenneth E	PACIFIC BELL WHITE PAGES
1986	Thomas Kenneth E	Pacific Bell
1985	THOMAS KENNETH E	Pacific Bell
1980	Ricossa Steve	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Thomas Kenneth E	Pacific Telephone
	Machale Kip	Pacific Telephone
	Thomas Ken	Pacific Telephone
1975	STOVER JAS L	Pacific Telephone

2656 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PETER INMAN	EDR Digital Archive
	NATHAN EDWARDS	EDR Digital Archive
2017	PATRICK RILEY	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	LINDA RILEY	Cole Information
2001	SEDOWARDS Linda	Haines Company, Inc.
2000	GLADYS DOWELL	Cole Information
1986	Makita Mel	Pacific Bell
1985	BRAUN R J	Pacific Bell
1980	Bell A T	Pacific Telephone
	Belloumini S L	Pacific Telephone
1975	SUMMERS JIM	Pacific Telephone

2657 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SHERYL BALDWIN	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	SHERYL BALDWIN	Cole Information
2005	JASON WILLIAMS	Cole Information
2001	CHINTALAPATIMurhy	Haines Company, Inc.
2000	SUJATHA CHINTALAPATI	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

2658 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MARGO GARCIA	EDR Digital Archive
2017	MARGO GARCIA	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MARGO GARCIA	Cole Information
2010	MARGO GARCIA	Cole Information
2005	MARGO GARCIA	Cole Information
2001	GARCIA Margo	Haines Company, Inc.
	BRUNO Eric	Haines Company, Inc.
2000	MARGO GARCIA	Cole Information
1995	GARCIA, MARGO	Cole Information
1986	Bunn Max G	Pacific Bell
1985	BUNN MAX G	Pacific Bell
1975	BUNN MAX G	Pacific Telephone

2659 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ARUN RAGHUNATHAN	EDR Digital Archive
	DIVYA CHANDRASEKAR	EDR Digital Archive
2017	ARUN RAGHUNATHAN	Cole Information
2014	HARSHAD DHABALIA	Cole Information
2010	HARSHAD DHABALIA	Cole Information
2005	HARSHAD DHABALIA	Cole Information
2000	MIKE DANEKARI	Cole Information
1995	CHAN, VENDY	Cole Information
1992	WONG, SAMSON	Cole Information
1986	Rogers Lou	Pacific Bell
	Sullivan Charles	Pacific Bell
1985	ROGERS LOU	Pacific Bell
	SIVAN CHARES	Pacific Bell
1980	Rogers E C & Lou	Pacific Telephone

2660 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	YIRAN LI	EDR Digital Archive
2017	PRAVEEN ARRAGATTU	Cole Information
2014	PRASHANTH ARRAGATTU	Cole Information
2010	CHRISTOPHER CARRION	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CHRISTOPHER CARRION	Cole Information
2001	SJONES Paula	Haines Company, Inc.
2000	PAULA JONES	Cole Information

2661 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	KANG TRANSPORT	EDR Digital Archive
	RAJARAMAN RAJA	EDR Digital Archive
	CHARU RAJARAMAN	EDR Digital Archive
2017	RAJA METLA	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	PATRICK MEYN	Cole Information
2005	SRIDHAR BADDELA	Cole Information
2001	KOCHGernal	Haines Company, Inc.
	ORAJARAMAN Charu	Haines Company, Inc.
2000	GERNOT KOCH	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1986	Nathan Philip & Eliana	Pacific Bell
1985	NATHAN PHILIP & ELIANA	Pacific Bell
1975	WASSON ROGER E	Pacific Telephone

2662 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	HAZEL DEGUZMAN	EDR Digital Archive
2017	HAZEL DEGUZMAN	Cole Information
2014	DEGUZMAN HAZEL	Cole Information
2010	ANTONIO LICAD	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2001	HA 0 CH Grogory S	Haines Company, Inc.
2000	GREGORY HATCH	Cole Information
1996	Hatch Gregory J	Pacific Bell
1995	HATCH, GREGORY J	Cole Information
1992	HATCH, GREGORY J	Cole Information
1991	HATCH GREGORY J	PACIFIC BELL WHITE PAGES

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Hatch Gregory J	PACIFIC BELL WHITE PAGES
1986	Hatch Gregory J	Pacific Bell
1985	HATCH GREGORY J	Pacific Bell
1980	Hatch Gregory J	Pacific Telephone
1975	HATCH GREGORY J	Pacific Telephone

2664 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SHIMUL SHAH	EDR Digital Archive
2017	ZAIM SIBIC	Cole Information
2010	SHIMUL SHAH	Cole Information
2005	MICHAEL PARIEVSKY	Cole Information
2001	PARIEVSKY Michael	Haines Company, Inc.
2000	MICHAEL PARIEVSKY	Cole Information
1995	KING, THOMAS M	Cole Information
1991	OBbard EDWARD	PACIFIC BELL WHITE PAGES
	Obbard Edw ard	PACIFIC BELL WHITE PAGES
	OBarr Lindsay & Tracy	PACIFIC BELL WHITE PAGES
1975	MC BURNEY N R	Pacific Telephone

2666 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	VINEET AGRAWAL	EDR Digital Archive
	NIRMAL AGRAWAL	EDR Digital Archive
2017	NIRMAL AGRAWAL	Cole Information
2014	NIRMAL AGRAWAL	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	STACEY HENDRIX	Cole Information
2001	SHENDRIX Slacey	Haines Company, Inc.
2000	STACEY HENDRIX	Cole Information
1975	MEYER EUGENE III	Pacific Telephone

FINDINGS

2668 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	REBECCA BRUNO	Cole Information
2014	ERIC BRUNO	Cole Information
2010	VALLEY LLC NURSING REVIEW	Cole Information
	ERIC BRUNO	Cole Information
2005	NURSING REVIEW OF SILICON V	Cole Information
	THE RET	Cole Information
	ERIC BRUNO	Cole Information
2000	ERIC BRUNO	Cole Information
1996	Bruno Eric	Pacific Bell
1995	BRUNO, ERIC	Cole Information
1992	BRUNO, ERIC	Cole Information
1991	BRUNO ERIC	PACIFIC BELL WHITE PAGES
	Bruno Eric	PACIFIC BELL WHITE PAGES
1986	Smith R G	Pacific Bell
1985	SMITH R G	Pacific Bell
1980	Meeker G	Pacific Telephone
1975	MEEKER G Z	Pacific Telephone

2670 KENTWORTH WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FARZANA GHAFOR	EDR Digital Archive
	OSMAN GHAFOR	EDR Digital Archive
2017	AFREEN ALI	Cole Information
2014	OSMAN GHAFOR	Cole Information
2010	OSMAN GHAFOR	Cole Information
2001	WEST Paut	Haines Company, Inc.
1995	KIM, JUNG S	Cole Information
1986	Mullins R W	Pacific Bell

FINDINGS

KENTWORTLT WAY

2650 KENTWORTLT WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Truffa Steven	Pacific Telephone

KERRYSHIRE LN

2633 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	EUIYONG RHO	EDR Digital Archive
2017	SUNEUN RHO	Cole Information
2014	EUIYONG RHO	Cole Information
2010	VIRGINIA PARKS	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
1975	KINSLow J A	Pacific Telephone

2635 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LORRAINE PALLAGAO	EDR Digital Archive
2014	LORRAINE PALLAGAO	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
1995	VANOVEREEM, B	Cole Information
1992	LEWIS, DAVID E	Cole Information
1991	LEWLS DAVID E	PACIFIC BELL WHITE PAGES
	Lew ls David E	PACIFIC BELL WHITE PAGES
1980	Childrens Telephone	Pacific Telephone
	Rodricks Leo	Pacific Telephone

2637 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRANDON BUCHANAN	EDR Digital Archive
	CAROL BUCHANAN	EDR Digital Archive
	DONALD BUCHANAN	EDR Digital Archive
2017	DONALD BUCHANAN	Cole Information
2014	DONALD BUCHANAN	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	DONALD BUCHANAN	Cole Information
2005	DONALD BUCHANAN	Cole Information
1995	BUCHANAN, CAROL	Cole Information
1980	Nelson Robert VJ	Pacific Telephone
1975	PATHEAL WM R	Pacific Telephone

2639 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	NUHA FNU	EDR Digital Archive
	IBRAHIM MUSBA	EDR Digital Archive
2017	IBRAHIM MUSBA	Cole Information
2014	CLARISA FALLA	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	MICHAEL CLEARY	Cole Information
1986	Lew Karl	Pacific Bell
1985	LEW KARL	Pacific Bell
1980	Murphy Dan	Pacific Telephone
1975	RICE HENRY P	Pacific Telephone

2641 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	PHILIP LAU	Cole Information
2014	PHILIP LAU	Cole Information
2010	SHARON SWENSON	Cole Information
1985	BEAUMONT DONALD C JR	Pacific Bell
	LEARY KATHLEEN	Pacific Bell
1980	Beaumont Donald C Jr	Pacific Telephone

2643 KERRYSHIRE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ISRAEL ANTONIO	EDR Digital Archive
	KARLO ANTONIO	EDR Digital Archive
	MICAH ANTONIO	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	IRENE ANTONIO	EDR Digital Archive
	JETHRO ANTONIO	EDR Digital Archive
2017	ISRAEL ANTONIO	Cole Information
2014	ISRAEL ANTONIO	Cole Information
2010	ISRAEL ANTONIO	Cole Information
1991	MITCHELL J)	PACIFIC BELL WHITE PAGES
	Mitchell J	PACIFIC BELL WHITE PAGES

KNIGHTSBRIDGE LN

2586 KNIGHTSBRIDGE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Kaufman R	Pacific Bell
1985	KAUFMAN R	Pacific Bell
1975	NESSLINGCR S J	Pacific Telephone
	HAYNES V M	Pacific Telephone

2588 KNIGHTSBRIDGE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SKAUFMANRuoh	Haines Company, Inc.
1986	Richardson David	Pacific Bell
1985	RICHARDSON DAVID	Pacific Bell
1980	Richardson David	Pacific Telephone
1975	RICHARDSON DAVID	Pacific Telephone

2590 KNIGHTSBRIDGE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ROHIT KHILNANI	EDR Digital Archive
2017	ROHIT KHILNANI	Cole Information
2014	ROHIT KHILNANI	Cole Information
	BOBBY VINAS	Cole Information
2010	ROHIT KHILNANI	Cole Information
	EDINA BECIROVICH	Cole Information
2001	SHILLOGregory	Haines Company, Inc.
	SAHOUBIMShahrokh HA 01 A 1 Nader J	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HEDSTROM DAN	Pacific Telephone

2592 KNIGHTSBRIDGE LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	YI RONG	EDR Digital Archive
	JIAYU CHEN	EDR Digital Archive
	MYRON TUTTLE	EDR Digital Archive
2017	MYRON TUTTLE	Cole Information
2014	MYRON TUTTLE	Cole Information
2010	MYRON TUTTLE	Cole Information
2005	MYRON TUTTLE	Cole Information
2001	STUTTLE Myro R	Haines Company, Inc.
2000	MYRON TUTTLE	Cole Information
1996	Tuttle Myron R	Pacific Bell
1995	TUTTLE, MYRON R	Cole Information
1992	TUTTLE, MYRON R	Cole Information
1991	TUTTLE MYRON R	PACIFIC BELL WHITE PAGES
1986	Tuttle Myron R	Pacific Bell
1985	TUTTLE MYRON R	Pacific Bell
1975	OH I JAS L	Pacific Telephone

KNIGHTSLRIDGA LN

2586 KNIGHTSLRIDGA LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Kaufman R	Pacific Telephone

PILOT KNOB DR

2441 PILOT KNOB DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	LINH NGUYEN	EDR Digital Archive
	STEPHANIE NGUYEN	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	LINH NGUYEN	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	LINH NGUYEN	Cole Information
1995	LAKE, RONALD S	Cole Information
1992	LAKE, RONALD S	Cole Information

SOUTH DR

2665 SOUTH DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BRACHER APARTMENTS FPI MGMT	EDR Digital Archive
	HEUNG KIM	EDR Digital Archive
	MYUNG KIM	EDR Digital Archive
	GLORIA FIX	EDR Digital Archive
	PETER KIM	EDR Digital Archive
	RICHARD HINZ	EDR Digital Archive
	SUNDAR DAS	EDR Digital Archive
	MITCHELL BERKOWITZ	EDR Digital Archive
	JUANITA SANDERS	EDR Digital Archive
	MIKHAIL FEYGIN	EDR Digital Archive
	HWA KIM	EDR Digital Archive
	HELEN HONG	EDR Digital Archive
	SOPHIA LAW	EDR Digital Archive
	KATHLEEN YOSSO	EDR Digital Archive
	FRIDA GORLINA	EDR Digital Archive
	ELISA WONG	EDR Digital Archive
	GLORIA MATHENY	EDR Digital Archive
	THU HONG	EDR Digital Archive
	JOHANNA NEAL	EDR Digital Archive
	YELENA KOFMAN	EDR Digital Archive
	ROSE ASHWOOD	EDR Digital Archive
	IRWIN STARR	EDR Digital Archive
	MARY-LOU DEHOYOS	EDR Digital Archive
	SUZANNE ORME	EDR Digital Archive
	NETTIE BAKER	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DOUGLAS BAKER	EDR Digital Archive
	SAN KIM	EDR Digital Archive
	VERNA JOHNSON	EDR Digital Archive
	ULL KIM	EDR Digital Archive
	LAN DAO	EDR Digital Archive
	BARBARA BOLDEN	EDR Digital Archive
	JUNG YANG	EDR Digital Archive
	GOLAN FAHMI	EDR Digital Archive
	BOK SONG	EDR Digital Archive
	DONNA GRIER	EDR Digital Archive
	DOROTHY BALSITIS	EDR Digital Archive
2017	BRACHER APARTMENTS FPI MANAGEMENT	Cole Information
	RICHARD HINZ	Cole Information
	JANE MULVANEY	Cole Information
	SUNDAR DAS	Cole Information
	ELISA DOUGLAS	Cole Information
	C HWA	Cole Information
	HWA KIM	Cole Information
	JUANITA SANDERS	Cole Information
	JOON SHIN	Cole Information
	MIKA TESIC	Cole Information
	WENDY WONG	Cole Information
	EMMALINE BARNES	Cole Information
	DONNA BARRICK	Cole Information
	EUN CHUNG	Cole Information
	BEULAH COOLEY	Cole Information
	DOLAT GHAZIGARI	Cole Information
	MARY JACKSON	Cole Information
	PILAR LARIOZA	Cole Information
	SOPHIA LAW	Cole Information
	GLORIA MATHENY	Cole Information
WALT NEAL	Cole Information	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SHYAM ARORA	Cole Information
	FRIDA GORLINA	Cole Information
	D LIU	Cole Information
	PHIL PANG	Cole Information
	JI SON	Cole Information
	HAROLD WILLIAMS	Cole Information
	SUNEUY KIM	Cole Information
	YEVGENIY MATKOVSKIY	Cole Information
	SUZANNE ORME	Cole Information
	CHEON YU	Cole Information
	ROSE ASHWOOD	Cole Information
	MARYLOU DEHOYOS	Cole Information
	KAYLA HOLMES	Cole Information
	VERNA JOHNSON	Cole Information
	DOUGLAS BAKER	Cole Information
	ANN DOANE	Cole Information
	JOHN MESSIER	Cole Information
	DORIS NOBLE	Cole Information
	JANICE PRESCOTT	Cole Information
	DAZZAMINE COPELAND-JOHNSON	Cole Information
	LAN DAO	Cole Information
	SHEELA HANDU	Cole Information
	CAROL HOOP	Cole Information
	DOROTHY BALSITIS	Cole Information
	HELEN BANDERAS	Cole Information
	MARGARET BANDERAS	Cole Information
	JOHN BENNETT	Cole Information
SON BOKHI	Cole Information	
DONNA GRIER	Cole Information	
2014	BRACHER APARTMENTS FPI MANAGEMENT	Cole Information
	BEULAH CODLEY	Cole Information
	SUNDAR DAS	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ELISA DOUGLAS	Cole Information
	EMMALINE BARNES	Cole Information
	RODNEY BELASCO	Cole Information
	EUN CHUNG	Cole Information
	C HWA	Cole Information
	HWA KIM	Cole Information
	JOON SHIN	Cole Information
	MIKA TESIC	Cole Information
	WENDY WONG	Cole Information
	SHYAM ARORA	Cole Information
	MARY JACKSON	Cole Information
	PILAR LARIOZA	Cole Information
	SOPHIA LAW	Cole Information
	GLORIA MATHENY	Cole Information
	MARIYA SAKHNOVSKAYA	Cole Information
	KATHLEEN YOSSO	Cole Information
	JEAN BERKOWITZ	Cole Information
	YELENA KOFMAN	Cole Information
	D LIU	Cole Information
	JI SON	Cole Information
	YOUNG SONG	Cole Information
	HAROLD WILLIAMS	Cole Information
	ROSE ASHWOOD	Cole Information
	MARYLOU DEHOYOS	Cole Information
	MIKE JACKSON	Cole Information
	CHEON YU	Cole Information
	SUZANNE ORME	Cole Information
	ROSE PEARSALL	Cole Information
	VAN TRAN	Cole Information
	DENNIS BACA	Cole Information
	ANN DOANE	Cole Information
	VERNA JOHNSON	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GAIL FRANKEL	Cole Information
	NORMAN JOHNSON	Cole Information
	JANE MULVANY	Cole Information
	DAZZAMINE COPELAND-JOHNSON	Cole Information
	LAN DAO	Cole Information
	FRIDA GORUNA	Cole Information
	SHEELA HANDU	Cole Information
	DORIS NOBLE	Cole Information
	JOHN MESSIER	Cole Information
	KOKILA PATEL	Cole Information
	DOROTHY BALSITIS	Cole Information
	MARGARET BANDERAS	Cole Information
	HELEN BANDERAS	Cole Information
	JOHN BENNETT	Cole Information
	WENDY CASEY	Cole Information
	BRITT ELLIS	Cole Information
	DONNA GRIER	Cole Information
	LINH HONG	Cole Information
	CAROL HOOP	Cole Information
	BETTY PRESCOTT	Cole Information
2010	KENNETH REBILLOT	Cole Information
	SUNDAR DAS	Cole Information
	BOBBY WOFFORD	Cole Information
	BILIAN WU	Cole Information
	ANITA ABBOTT	Cole Information
	MARY SMITH	Cole Information
	HWA KIM	Cole Information
	A OFORLEA	Cole Information
	CAM THI-TRAN	Cole Information
	DAVID JULIAN	Cole Information
	DONNA BARRICK	Cole Information
	REGINALD BROWN	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	MAX HIVELY	Cole Information
	MARIYA SAKHNOVSKAYA	Cole Information
	DIANE SONGER	Cole Information
	PATRICIA HOLMES	Cole Information
	CAROLYN HOOP	Cole Information
	FRIDA GORLINA	Cole Information
	PILAR LARIOZA	Cole Information
	SOPHIA LAW	Cole Information
	ELISA WONG	Cole Information
	OKPUN CHONG	Cole Information
	M NAVA I	Cole Information
	DORETTA BOWENS	Cole Information
	MARY JACKSON	Cole Information
	YOUNG SONG	Cole Information
	YELENA KOFMAN	Cole Information
	JAWAHIR HANDU	Cole Information
	GABRIEL ARVIZO	Cole Information
	MARYLOU DEHOYOS	Cole Information
	YEVGENIY MATKOVSKIY	Cole Information
	ROSE ASHWOOD	Cole Information
	JOSEFINA MONTALVO	Cole Information
	FATANEH SHAHAMI-GOHAR	Cole Information
	DARBY SHEN	Cole Information
	FOROUGH SOUFI	Cole Information
	SUZANNE ORME	Cole Information
	VAN TRAN	Cole Information
	CHEON YU	Cole Information
	ROSE PEARSALL	Cole Information
	DAHLIA BACA	Cole Information
	SIM MANNING	Cole Information
	YVETTE MESSIER	Cole Information
	JANE MULVANY	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	SAN KIM	Cole Information
	F HOANG	Cole Information
	Y TEUFL	Cole Information
	DOUGLAS BAKER	Cole Information
	FREEDA BARNES	Cole Information
	NORMAN JOHNSON	Cole Information
	VERNA JOHNSON	Cole Information
	STELLA IANIRO	Cole Information
	LAN DAO	Cole Information
	DORIS LUKE	Cole Information
	KOKILA PATEL	Cole Information
	DORIS NOBLE	Cole Information
	JANICE PRESCOTT	Cole Information
	BRITT ELLIS	Cole Information
	DONNA GRIER	Cole Information
DOROTHY BALSITIS	Cole Information	
2005	ENTER THE NEW	Cole Information
	SUNDAR DAS	Cole Information
	BOBBY WOFFORD	Cole Information
	MABEL COX	Cole Information
	JERRY BURKE	Cole Information
	DOLAT GHAZIGARI	Cole Information
	DONNA BARRICK	Cole Information
	DAVID BECERRA	Cole Information
	KUM BENNETT	Cole Information
	DAVID JULIAN	Cole Information
	ALYSSA BUGARIN	Cole Information
	C CHEUNG	Cole Information
	PATRICIA HOLMES	Cole Information
	MAX HIVELY	Cole Information
	PILAR LARIOZA	Cole Information
SOPHIA LAW	Cole Information	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	FRIDA GORLINA	Cole Information
	ELISA WONG	Cole Information
	MARY JACKSON	Cole Information
	DORETTA BOWENS	Cole Information
	JAWAHIR HANDU	Cole Information
	MANOU FAHMI	Cole Information
	SALLY ESPINOZA	Cole Information
	PHIL CARDOZA	Cole Information
	LILLY ZDENEK	Cole Information
	SUZANNE ORME	Cole Information
	ROSE PEARSALL	Cole Information
	DAHLIA BACA	Cole Information
	MILTON BROCK	Cole Information
	F HOANG	Cole Information
	LINDA GILLMOR	Cole Information
	DUC LU	Cole Information
	CALIXTA RANIEL	Cole Information
	LAN DAO	Cole Information
	DORIS LUKE	Cole Information
	DORIS NOBLE	Cole Information
DONNA GRIER	Cole Information	
BRITT ELLIS	Cole Information	
FRIEDA BARNES	Cole Information	
JUNE BAXTER	Cole Information	
2001	APARTMENTS ARNOLD Robed O	Haines Company, Inc.
	SBRACHERAsscs BUZAYEVARoza	Haines Company, Inc.
	CAMPBELLR	Haines Company, Inc.
	COX Mabel	Haines Company, Inc.
	DASSundar K	Haines Company, Inc.
	DRALUK Boris	Haines Company, Inc.
	GALIMOREA mold	Haines Company, Inc.
	GORLINA Frnda L	Haines Company, Inc.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HOUSING AUTH	Haines Company, Inc.
	LAW Sophia	Haines Company, Inc.
	PIZZUTI SM	Haines Company, Inc.
	REBILLOTKA	Haines Company, Inc.
	SAKHNOVSKAYAManya	Haines Company, Inc.
	SILVERSTEIN H	Haines Company, Inc.
	SOUFI Forough	Haines Company, Inc.
2000	HOUSING A THRTY OF THE CNTY OF SANTA CLARA BRACHER SR	Cole Information
	MABEL COX	Cole Information
	LOUISE STEPHEN	Cole Information
	KENNETH REBILLOT	Cole Information
	DORIS KLINKENBERG	Cole Information
	RUTH CAMPBELL	Cole Information
	JERRY BURKE	Cole Information
	JUNE BROWN	Cole Information
	SOPHIA LAW	Cole Information
	STELLA PIZZUTI	Cole Information
	BORIS DRALUK	Cole Information
	JERRY WALSH	Cole Information
	EDITH CHAN	Cole Information
	MARION ARNOLD	Cole Information
	ROBERT ANDERSON	Cole Information
	HELEN SILVERSTEIN	Cole Information
	ROZA BUZAYEVA	Cole Information
	ARNOLD GALIMORE	Cole Information
	BETTY PRESCOTT	Cole Information
	JUNE BAXTER	Cole Information
GALINA FELLER	Cole Information	
1996	123 Walsh Jerry	Pacific Bell
	135 Pizzuti S M	Pacific Bell
	214 Law Sophia	Pacific Bell
	219 Czapinski Stanley	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	221 Das Sundar K	Pacific Bell
	222 Bruce Dovie	Pacific Bell
	223 Cox Mabel	Pacific Bell
	225 Silverstein H	Pacific Bell
	227 Fitzgerald Stella B	Pacific Bell
	228 Cho Nam Ho	Pacific Bell
1995	OCCUPANT UNKNOWNN	Cole Information
1992	ALDER, DAN	Cole Information
1985	A D2000	Pacific Bell
	SANDBERG EDMUND	Pacific Bell
1980	Brach Dennis R Touche Ross & Co	Pacific Telephone
	Beacher A	Pacific Telephone
1975	BRACHER A	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
Bowers Avenue	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2401 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2402 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2402 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922
2402 BOWERS AVE	2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

FINDINGS

Address Researched

2729 CHROMITE DR

Address Not Identified in Research Source

2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1974, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1975, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1982, 1980, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1978, 1975, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

2020, 2017, 2014, 2010, 2006, 2005, 2001, 2000, 1996, 1995, 1992, 1991, 1986, 1985, 1982, 1980, 1978, 1974, 1970, 1968, 1966, 1965, 1964, 1963, 1962, 1960, 1957, 1955, 1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

2700 Chromite Dr

Address Not Identified in Research Source

2017, 2006, 2001, 1982, 1978, 1968, 1966, 1965, 1964, 1962, 1960, 1957, 1955,
1950, 1946, 1945, 1942, 1940, 1936, 1935, 1931, 1930, 1926, 1925, 1922

Appendix D

ASTM User Questionnaire and User Provided Documents

ASTM E1527-13

User Questionnaire



Site Name and Address: Bracher Elementary School: 2700 Chromite Dr, Santa Clara, CA 95051

1. Environmental liens that are filed or recorded against the property (40 CFR 312.25)

Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

Yes No If yes, provide explanation: _____

2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.2(a)(1)(v) and (vi))

Did a search of recorded land title records (or judicial records where appropriate) identify any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Yes No If yes, provide explanation: _____

3. Specialized knowledge or experience of the person seeking to qualify for the landowner liability protections (40 CFR 312.28)

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No If yes, provide explanation: _____

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

N/A - Site is already owned by District.

Yes No If no, provide explanation: _____

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

a. Do you know the past uses of the property?

Yes No If yes, provide explanation: K-5 Elementary School

b. Do you know of specific chemicals that are present or once were present at the property?

Yes No If yes, provide explanation: _____

c. Do you know of spills or other chemical releases that have taken place at the property?

Yes No If yes, provide explanation: _____

d. Do you know of any environmental cleanups that have taken place at the property?

Yes No If yes, provide explanation: _____

6. The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes No If yes, provide explanation: _____

Name: Mchal Healy Title: Director, Facility Development and Planning

Company: Santa Clara Unified School District Date: April 21, 2023

CONDITION OF TITLE REPORT

Issued By:



Fidelity National Title
Insurance Company

Report Number:

FSBC-TO15001070

Fidelity National Title Insurance Company,
a California corporation, herein called the Company

SUBJECT TO THE TERMS, LIMITATIONS AND CONDITIONS OF THE APPLICATION FOR THIS CONDITION OF TITLE REPORT, WHICH APPLICATION, OR COPY THEREOF, IS ATTACHED HERETO AND MADE A PART HEREOF
REPORTS

To the party named in Schedule A, that as disclosed by the Title Instruments, the ownership of and the defects, liens and encumbrances against the Interest in the Land are as shown in Schedule B.

Any claim or other notice to the Company shall be in writing and shall be addressed to the Company at the issuing office or to:

Fidelity National Title Insurance Company
Attn: Claims Department
P.O. Box 45023
Jacksonville, FL 32232-5023

THIS REPORT IS NOT VALID AND THE COMPANY SHALL HAVE NO LIABILITY HEREUNDER UNLESS THE APPLICATION REFERRED TO ABOVE, OR COPY THEREOF, IS ATTACHED HERETO.

Fidelity National Title Insurance Company

By:

President

Fidelity National Title Company
675 N. First Street, 4th Floor
San Jose, CA 95112

Countersigned By:

Authorized Officer or Agent



Attest:

Secretary

CONDITION OF TITLE REPORT
SCHEDULE A

ORDER NO. FSBC-TO15001070

Liability	Fee	Title Officer
\$5,000.00	\$1,000.00	Ellen Bragg

Date of Report: August 12, 2015 AT 12:00 AM

1. Name of Party:

Santa Clara Unified School District

2. The Interest referred to in the Application is:

A Fee

3. The Land referred to in the Application is described as follows:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF

END OF SCHEDULE A

EXHIBIT "A"
Legal Description

For APN/Parcel ID(s): 216-14-001

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE UNINCORPORATED AREA IN COUNTY OF SANTA CLARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

Parcel One:

All of Lot 16 and a portion of Lot 15, as shown upon that certain Map entitled, "Map of the Subdivision of the Morse Tract", which Map was filed for record in the office of the Recorder of the County of Santa Clara, State of California, on October 26, 1903 in Book F-2 of Maps, at page 20, and more particularly described as follows:

Beginning at a point on the Southwesterly line of Morse Avenue (20.00 feet in width) at the Westernmost corner of Lot 16, as said Avenue and Lot are shown upon the Map above referred to; thence from said to the point of beginning South 22° 39' East along said Southwesterly line of Morse Avenue 658.03 feet to the point of intersection thereof with the Northeasterly prolongation of the Southeasterly line of Lot 79, as said Lot is shown upon that certain Map entitled, "Tract No. 1692 Bowers Park Unit No. 1", which Map was filed for record in the office of the Recorder of the County of Santa Clara, State of California, on November 14, 1957 in Book 88 of Maps, at pages 14 and 15; thence North 67° 21' 30" East along said prolongation 466.60 feet to the point of intersection thereof with the Northeasterly line of Lot 15 of said Morse Tract above referred to; thence North 22° 28' 20" West along said last named line and along the Northeasterly line of said Lot 16, for a distance of 314.93 feet to an angle point therein; thence continuing along the Northeasterly line of said Lot 16, North 23° 28' 12" West 343.20 feet to the Northernmost corner of said Lot 16; thence South 67° 21' West along the Northwesterly line of said Lot 16, for a distance of 462.66 feet to the point of beginning. As surveyed in January 1958 by Geo. S. Nolte, Civil Engineer and Surveyor.

Excepting therefrom that portion conveyed to the City of Santa Clara in document for Deed of Dedication for Public Street Purposes recorded November 28, 1960 in Instrument No. 1914102, Book 4995 of Official Records, page 155, Santa Clara County Records.

Also excepting therefrom that portion conveyed to the City of Santa Clara in document for Deed of Dedication for Public Street Purposes recorded January 18, 1971 in Instrument No. 3939348, Book 9190 of Official Records, page 259, Santa Clara County Records.

Parcel Two:

Beginning at a 1 inch iron pipe set at the Northernmost corner of Tract No. 1692 Bowers Park Unit No. 1, a Map of which was filed for record in the office of the Recorder of the County of Santa Clara, State of California, on November 14, 1957 in Book 88 of Maps, at pages 14 and 15, in Chromite Drive; thence from said point of beginning North 67° 21' East along the Northeasterly prolongation of the Northwesterly line of said Tract No. 1692, for a distance of 578.16 feet to the point of intersection of said prolongation with the Southwesterly line of Morse Avenue (20.00 feet in width) as said Avenue is shown upon that certain Map entitled, "Map of the Subdivision of the Morse Tract", which Map was filed for record in the office of the Recorder of the County of Santa Clara, State of California, on October 26, 1903 in Book F-2 of Maps, at page 20; thence South 22° 39' East along said Southwesterly line of Morse Avenue 658.03 feet to the point of intersection thereof with the Northeasterly prolongation of the Southeasterly line of Lot 79, as said Lot is shown upon the Map of Tract No. 1692 above referred to; thence South 67° 21' 30" West along said last named prolongation 537.75 feet to a 1 inch iron pipe set on a line which is parallel with and distant Northeasterly 195.00 feet at right angles from the Northeasterly line of said Tract No. 1692; thence North 8° 57' 30" West along said parallel line 646.31 feet to a 1 inch iron pipe set on the Northeasterly prolongation of the Southeasterly line of Chromite Drive above referred to; thence South 67° 21' West along said last named prolongation 200.70 feet to a 3/4 inch iron pipe set at the point of intersection of said Southeasterly line of Chromite Drive with said Northeasterly line of Tract NO. 1692; thence North 8° 57' 30" East along said last named line 30.88 feet to the point of beginning. As surveyed and monumented in January 1958 by Geo. S. Nolte, Civil Engineer and Surveyor and being part of that certain 58.067 acre tract of land described in the deed from F.F. Hayes, et al to A.A. Machado, dated September 11, 1916, recorded September 13, 1916 in Book 449 of Deeds, page 19, Santa Clara County Records.

EXHIBIT "A"
Legal Description

Excepting therefrom that portion conveyed to the City of Santa Clara in document for Deed of Dedication for Public Street Purposes recorded November 28, 1960 in Instrument No. 1914102, Book 4995 of Official Records, page 155, Santa Clara County Records.

CONDITION OF TITLE REPORT**SCHEDULE B**

Fidelity National Title Insurance Company reports that Title Instruments, on the date hereof, disclose:

1. OWNERSHIP OF THE INTEREST IS IN THE NAME OF:

- a. Jefferson Union School District of Santa Clara County

2. REAL ESTATE TAXES:

- a. Property taxes, which are a lien not yet due and payable, including any assessments collected with taxes to be levied for the fiscal year 2015-2016.
- b. Any liens or other assessments, bonds, or special district liens including without limitation, Community Facility Districts, that arise by reason of any local, City, Municipal or County Project or Special District.
- c. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

3. THE FOLLOWING DEFECTS, LIENS AND ENCUMBRANCES (WHICH ARE NOT NECESSARILY SHOWN IN THEIR ORDER OF PRIORITY) AGAINST THE INTEREST:

- a. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Gas and Electric Company
Purpose: Electrical facilities
Recording Date: April 12, 1919
Recording No.: Book 488 of Deeds, page 49
Affects: as described in said document herein referred to

- b. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Clara
Purpose: sewer line purposes
Recording Date: July 29, 1955
Recording No.: 1113002, Book 3239 of Official Records, page 566
Affects: as described in said document herein referred to

- c. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Clara
Purpose: right of way for electrical facilities
Recording Date: June 2, 1959
Recording No.: 1641083, Book 4435 of Official Records, page 580
Affects: as described in said document herein referred to

CONDITION OF TITLE REPORT**SCHEDULE B**

(continued)

- d. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Clara
Purpose: sewer purposes
Recording Date: October 14, 1959
Recording No.: 1708212, Book 4573 of Official Records, page 42
Affects: as described in said document herein referred to

- e. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Clara
Purpose: sewer purposes
Recording Date: October 14, 1959
Recording No.: 1708213, Book 4573 of Official Records, page 46
Affects: as described in said document herein referred to

- f. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: City of Santa Clara
Purpose: storm drainage purposes
Recording Date: June 10, 1960
Recording No.: 1828446, Book 4820 of Official Records, page 715
Affects: as described in said document herein referred to

- g. Matters contained in that certain document

Entitled: Deed of Dedication for Public Street Purposes
Dated: October 28, 1960
Executed by: Jefferson Union School District and City of Santa Clara
Recording Date: November 28, 1960
Recording No.: 1914102, Book 4995 of Official Records, page 155

Reference is hereby made to said document for full particulars.

- h. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to: Pacific Telephone Company
Purpose: Communication facilities
Recording Date: August 10, 1968
Recording No.: 3463909, Book 8222 of Official Records, page 92
Affects: as described in said document herein referred to

- i. Matters contained in that certain document

Entitled: Deed of Dedication for Public Street Purposes
Dated: November 12, 1970
Executed by: Santa Clara Unified School District
Recording Date: January 18, 1971
Recording No.: 3939348, Book 9190 of Official Records, page 259

Reference is hereby made to said document for full particulars.

CONDITION OF TITLE REPORT**SCHEDULE B**

(continued)

- j. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

- k. Matters which may be disclosed by an inspection and/or by a correct ALTA/ACSM Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.

- l. The Company will require the following documents for review prior to the issuance of any title insurance predicated upon a conveyance or encumbrance by the corporation named below.

Name of Corporation: Jefferson Union School District

- a. A Copy of the corporation By-laws and Articles of Incorporation.
- b. An original or certified copy of a resolution authorizing the transaction contemplated herein.
- c. If the Articles and/or By-laws require approval by a 'parent' organization, a copy of the Articles and By-laws of the parent.

The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

- m. The Company will require that an Owner's Affidavit be completed by the party(s) named below before the issuance of any policy of title insurance.

Party(ies): Jefferson Union School District

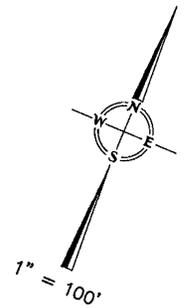
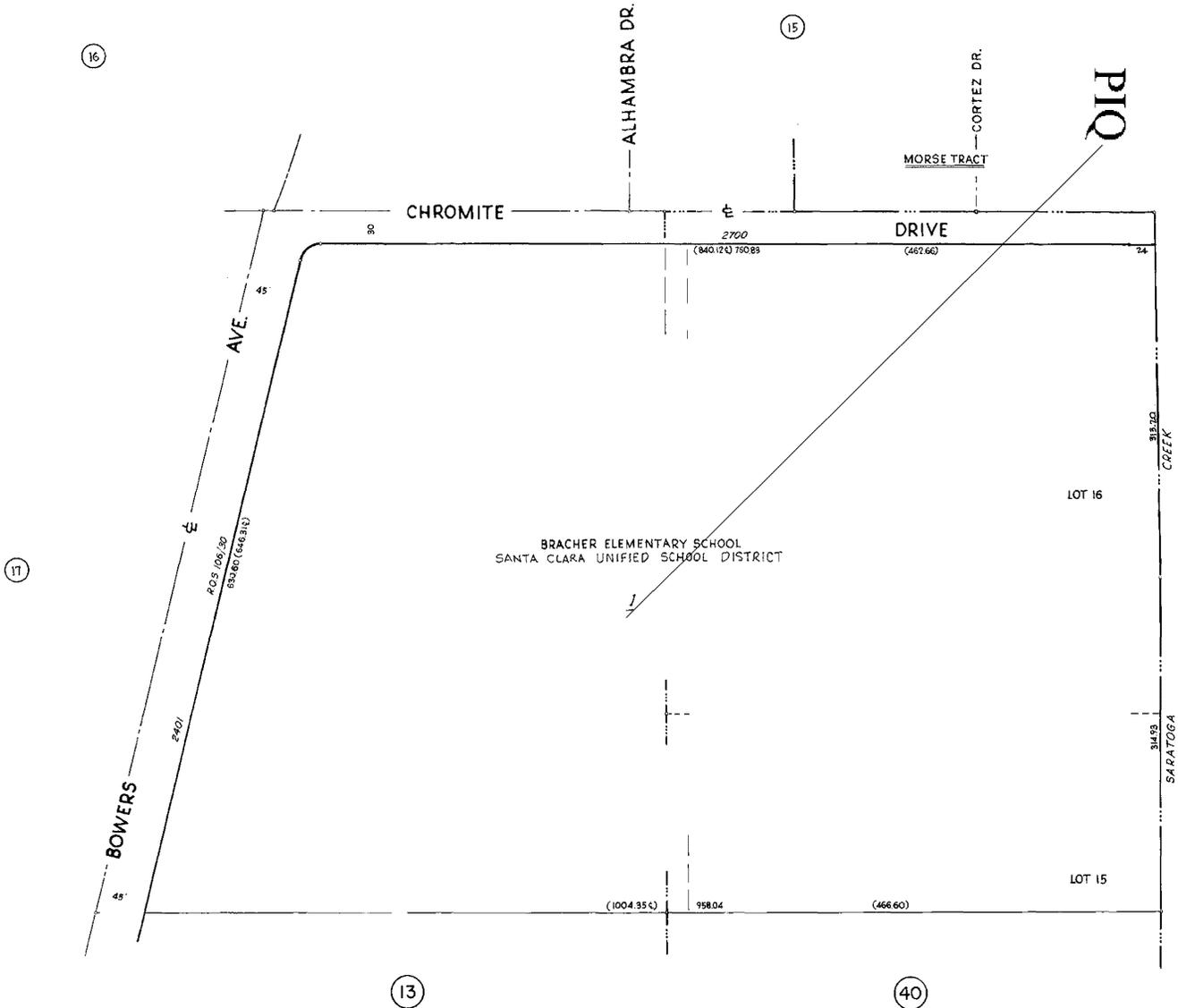
The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit.

- n. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.

4. THE FOLLOWING MATTERS ARE DISCLOSED BY NAME ONLY AND THE COMPANY, WITHOUT ADDITIONAL INFORMATION, IS UNABLE TO DETERMINE WHETHER ANY OR ALL OF THESE MATTERS ARE DEFECTS, LIENS OR ENCUMBRANCES AGAINST THE INTEREST:

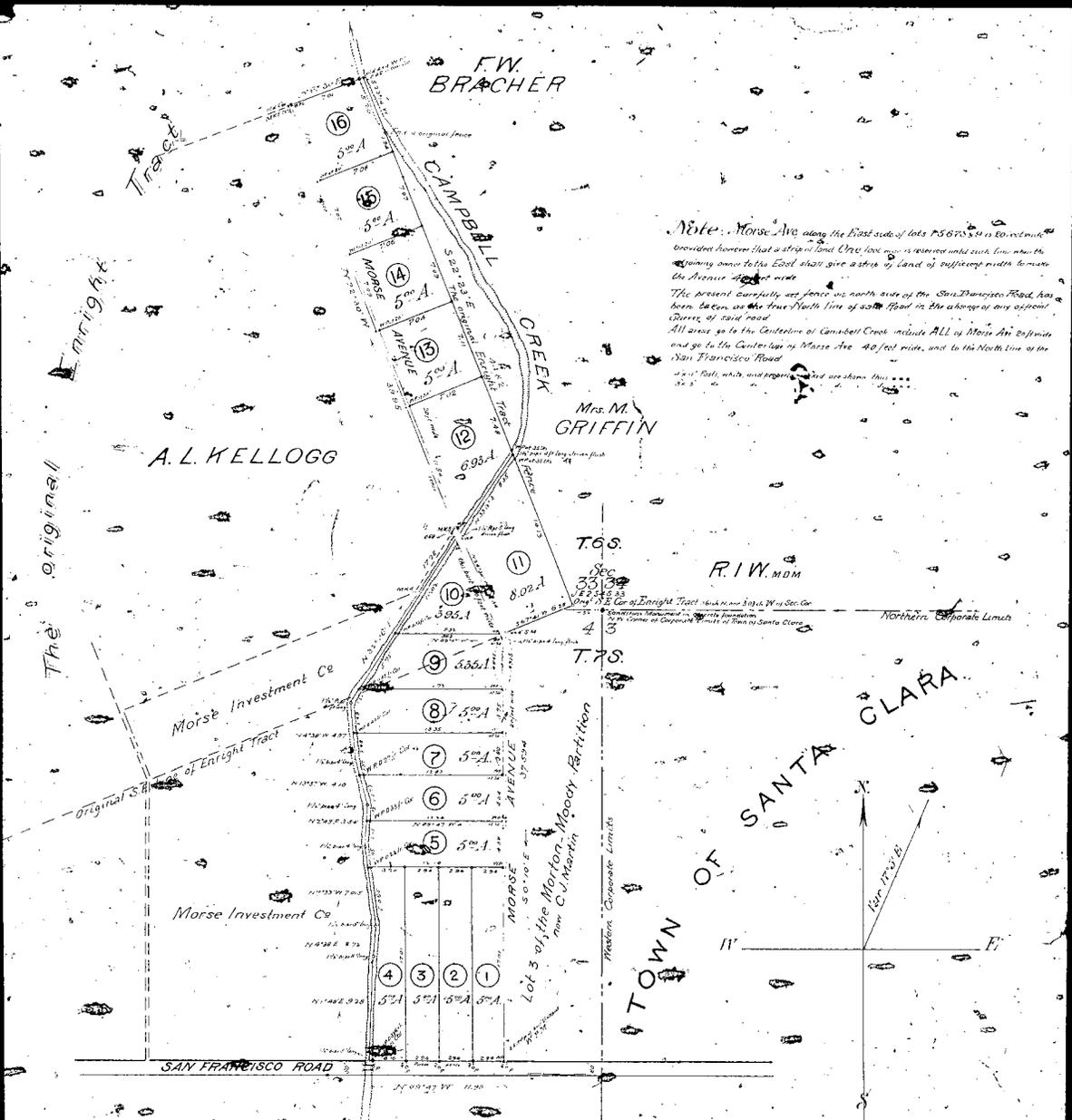
- a. None

END OF SCHEDULE B



This is not a survey of the land and is inserted as a matter of information only, and while the same is compiled from information we believe to be correct, no liability is assumed by Fidelity National Title Group as to the correctness of said information.

TRA DET. MAP 94
LAWRENCE E. STONE — ASSESSOR
Cadastral map for assessment purposes only.
Compiled under R. & T. Code, Sec. 327.
Effective Roll Year 2010-2011



Note: Morse Ave along the East side of lots 15 & 16 is 20 feet wide
 broader however that a strip of land 100 feet wide is reserved until such time when the
 adjoining owner to the East shall give notice of land of sufficient width to make
 the Avenue 40 feet wide
 The present carefully set fence on north side of the San Francisco Road has
 been taken on the true North line of said Road in the absence of any other
 survey of said road
 All areas to the Centerline of Campbell Creek include ALL of Morse Ave's easements
 and go to the Centerline of Morse Ave. 40 feet wide, and to the North line of the
 San Francisco Road
 as of Ball, white, and paper records are shown this
 32'

The original Enright

MAP
 of the Subdivision of the
MORSE TRACT

being part of the Enright Tract and part of
 the fractional N.E. 1/4 of Sec. 11 T. 7 S. R. 1 W. M. D. M.
 subdivided for the Morse Investment Co.

I hereby certify that to be
 a correct Map of the Survey of
 the Morse Tract as made
 on October 1903

W. E. Crossman Map Ed. by
 Surveyed Oct. 1903 by
 A. T. Herrmann Licensed Land Surveyor
 Herrmann Bros
 Surveyors & C. E.
 San Jose, Calif.

Licensed Land Surveyor
 Date Oct. 26 1903
 Scale 50' to 1 inch

TRACT NO. 1692 BOWERS PARK UNIT NO. 1

(CONSISTING OF TWO (2) SHEETS)
BEING A PORTION OF SECTION 35, T.6S, R.1W,
M.D.B. AND M.
LYING WITHIN THE CITY OF SANTA CLARA,
CALIFORNIA

AUGUST, 1957
M A C H A Y and S O M P S
CIVIL ENGINEERS - SUNNYVALE

OWNER'S CERTIFICATE

We hereby certify that we are the owners of, or have some right, title or interest in and to the real property included within the subdivision shown on the within map; that we are the only persons whose consent is necessary to pass a clear title to said real property; that we hereby consent to the making of said map and subdivision as shown within the blue border lines and hereby dedicate to public use all the streets and portions of streets as shown upon said map within said subdivision.

We also hereby dedicate to public use for public utilities, easements, under, on or over those certain strips of land lying between lot lines and adjacent control lines and designated as "P.U.E." (Public Utility Easement), and also under, on or over strips of land 21' wide by 30' long centered on lot lines and designated as "A.E." (Anchor Easement), the 30' in length being measured from the adjoining P.U.E. and also easements for wire overhang purposes only over those certain areas designated as "W.O.E." (Wire Overhang Easement).

We also hereby dedicate to public use easements for light and air on or over those certain strips of land lying between the lines of streets and the lines designated as "B.S.L." (Building Setback Lines) as shown on said map within said subdivision; said strips of land to be kept open and free from buildings and structures of any kind excepting irrigation and sprinkler systems and appurtenances thereto, and public utility structures.

We further hereby dedicate to public use, but reserve exclusivity for the use of owners of lots in this subdivision, those certain strips of land across the terminus of streets and designated "P.R." and indicated by a dotted line, until such time as additional land adjoining such reserve is accepted for street purposes by the proper governing body, at which time this reservation shall terminate and be of no further effect.

OWNER: CITY TITLE INSURANCE COMPANY, corporation, successor to PENINSULA TITLE GUARANTY COMPANY, by merger;
BY: Edgar C. Schott City Engineer
STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

TRUSTEE: FIRST PIONEER COMPANY, a Corporation;
BY: Edgar C. Schott City Engineer
STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On this 22nd day of October, 1957, before me Max H. Angelo a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared Edgar C. Schott and Edgar C. Schott, known to me to be the Assistant Secretaries of the corporation that executed the within instrument in the capacity of owner and also known to me to be the persons who executed it on behalf of such corporation and they acknowledged to me that such corporation executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires 8-2-1961
Max H. Angelo
NOTARY PUBLIC

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)
On this 22nd day of October, 1957, before me Max H. Angelo a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared Edgar C. Schott and Edgar C. Schott, known to me to be the Assistant Secretaries of the corporation that executed the within instrument in the capacity of owner and also known to me to be the persons who executed it on behalf of such corporation and they acknowledged to me that such corporation executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires 8-2-1961
Max H. Angelo
NOTARY PUBLIC

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)
On this 22nd day of October, 1957, before me Max H. Angelo a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally appeared Edgar C. Schott and Edgar C. Schott, known to me to be the Assistant Secretaries of the corporation that executed the within instrument in the capacity of owner and also known to me to be the persons who executed it on behalf of such corporation and they acknowledged to me that such corporation executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires 8-2-1961
Max H. Angelo
NOTARY PUBLIC

CERTIFICATE OF ENGINEER

I, George E. Soms, hereby certify that I am a Registered Civil Engineer of the State of California, that this map, consisting of two (2) sheets, correctly represents a survey made under my supervision during January, 1956; that the survey is true and complete as shown; that all of the monuments shown hereon actually exist or will be placed upon completion of street improvement work and that such monuments are sufficient to enable the street to be retraced.

Dated Oct. 17, 1957.
George E. Soms
REGISTERED CIVIL ENGINEER, CERTIFICATE NO. 8718.

CERTIFICATE OF CITY ENGINEER

I, Edgar C. Schott, City Engineer of the City of Santa Clara, State of California, hereby certify that I have examined the within final map of Tract No. 1692, Bowers Park, Unit No. 1; that the subdivision shown thereon is substantially the same as it appeared on the tentative map and any approved alterations thereof; that all the provisions of the California Subdivision Map Act, as amended, and of any local ordinance applicable at the time of approval of the tentative map have been complied with and that I am satisfied that said map is technically correct.

Dated Nov. 13, 1957.
Edgar C. Schott
EDGAR C. SCHOTT, CITY ENGINEER, CITY OF SANTA CLARA, CALIFORNIA

CERTIFICATE OF CITY CLERK

I hereby certify that this map, designated as Tract No. 1692, Bowers Park, Unit No. 1, was approved by the City Council of the City of Santa Clara, State of California, at a meeting of said Council held on the 3rd day of September, 1957, and that said Council did at said meeting accept the dedication of all streets and portions of streets and easements offered for dedication and shown on said map within said subdivision.

Edgar C. Schott
CITY CLERK AND EX officio CLERK OF THE CITY COUNCIL OF THE CITY OF SANTA CLARA, STATE OF CALIFORNIA

APPROVAL BY THE CITY PLANNING COMMISSION

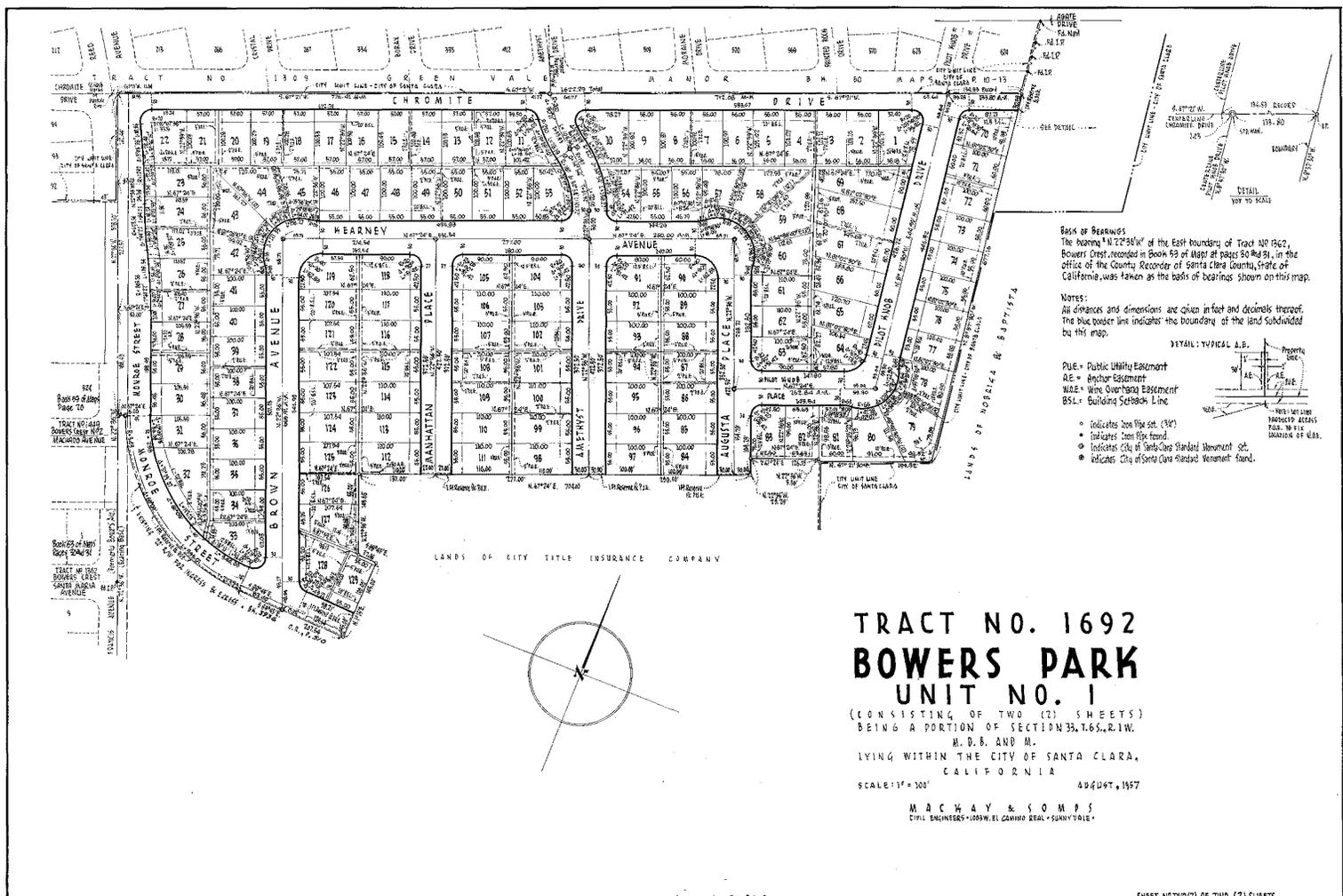
Approved by the City Planning Commission of the City of Santa Clara at its regular meeting held on the 14th day of August, 1957.

Edgar C. Schott
SECRETARY, SANTA CLARA CITY PLANNING COMMISSION

CERTIFICATE OF COUNTY RECORDER

File No. 14001556 - Page 7 of 7 paid.
Accepted for record and recorded in Book 88 of Maps at pages 14 and 15 in the Office of the County Recorder of Santa Clara County, State of California, this 22nd day of December, 1957, at 2:20 PM.

Edgar C. Schott
Sgt. C. Tully, COUNTY RECORDER, SANTA CLARA COUNTY, CALIF.
By: Edgar C. Schott
DEPUTY



BASE OF BEARINGS
 The bearing $N 22^{\circ} 35' 00''$ of the East boundary of Tract No. 1692, Bowers Park, recorded in Book 63 of Maps at page 80 Map 91, in the office of the County Recorder of Santa Clara County, State of California, was taken as the basis of bearings shown on this map.

NOTES:
 All distances and dimensions are given in feet and decimals thereof. The blue center line indicates the boundary of the land subdivided by this map.

DETAIL: TYPICAL A.B.

LEGEND:
 PUE = Public Utility Easement
 AE = Anchor Easement
 WOE = Wire Overhead Easement
 BSL = Building Setback Line

- Indicates 200th 1/4 sec. (30')
- Indicates 200th 1/2 sec. (60')
- Indicates City of Santa Clara Standard Monument set.
- Indicates City of Santa Clara Standard Monument found.

TRACT NO. 1692
BOWERS PARK
UNIT NO. 1

(CONSISTING OF TWO (2) SHEETS)
 BEING A PORTION OF SECTION 33, T.6S., R.1W.
 S. D. B. AND M.
 LYING WITHIN THE CITY OF SANTA CLARA,
 CALIFORNIA

SCALE: 1" = 300' APR 29, 1977

MACHAY & SOMPS
 CIVIL ENGINEERS - 1089 W. EL CAMINO REAL - SAN JOSE, CALIF.

5

88
15

1914102

BOOK 4995 PAGE 155

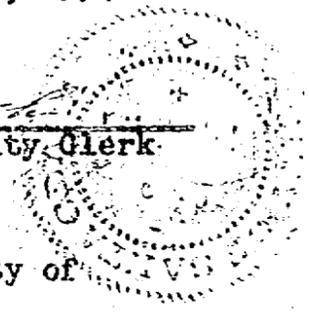
....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Rebeiro and Mayor Salberg; Noes: None; Absent: Councilman Toledo."

STATE OF CALIFORNIA)
 COUNTY OF SANTA CLARA) ss.

I, A. S. Belick, City Clerk of the City of Santa Clara, do hereby certify that the above motion and Resolution was adopted by the City Council of said City on July 20, 1954.

A. S. Belick

 City Clerk



I, LOYD BRADY, City Manager of said City of Santa Clara, do hereby accept the within conveyance on behalf of said City.

Lloyd Brady

1914102
 BOOK 4995 PAGE 155
 FILED FOR RECORD
 AT REQUEST OF
City of Santa Clara
 Nov 28 4 05 PM 1960

OFFICIAL RECORDS
 SANTA CLARA COUNTY
 PAUL R. FELT
 RECORDER

19-4

DEED OF DEDICATION FOR Public Street PURPOSES

BOOK 4995 PAGE 156

Jefferson Union SCHOOL DISTRICT of Santa

Clara County, for valuable consideration, the adequacy and receipt
whereof are hereby acknowledged, does hereby dedicate and grant to

City of Santa Clara for Public Street

purposes said real property belonging to said District which is
located in the County of Santa Clara, State of California, des-
cribed as follows:

All that certain real property situate in the City of Santa
Clara, County of Santa Clara, State of California, more particularly
described as follows:

Beginning at the most Southerly corner of that certain parcel
of land as shown on that certain Record of Survey filed in the Office
of the County Recorder, County of Santa Clara, State of California,
in Book 106 of Maps at Page 30; thence along the Westerly line of
said parcel N.8°57'30"W. 646.31 feet to the Northeasterly prolonga-
tion of the Southerly line of Chromite Drive as said line is shown
on that certain map entitled "Tract No. 1692, Bowers Park" filed for
record in the Office of the County Recorder, County of Santa Clara
in Book 88 at Pages 14 and 15; thence Southwesterly along said
Northeasterly prolongation of said Southerly line S.67°21'00"W.
200.70 feet to the Easterly line of said Tract No. 1692; thence
along the Easterly line of said Tract No. 1692 N.8°57'30"W. 30.88
feet; thence, leaving said Easterly line of said Tract No. 1692
and along the Northerly line of that parcel of land as shown on
said Record of Survey N.67°21'00"E. 1015.82 feet; thence S.23°28'12"E.
30.00 feet; thence parallel to and 30.00 feet Southerly, measured
at right angles from the said Northerly line S.67°21'00"W. 760.83
feet; thence along the arc of a tangent curve to the left, a radius
of 20.00 feet, through a central angle of 76°18'30" an arc length
of 26.64 feet; thence parallel to and 45.00 feet Easterly measured
at right angles from said Westerly line of said parcel of land
shown on said Record of Survey S.8°57'30"E. 630.60 feet to the
Southerly line of said parcel of land; thence along said Southerly
line S.67°21'30"W. 46.31 feet to the point of beginning.

Containing 1.371 acres of land more or less.

upon the following terms and conditions:

The City of Santa Clara shall fully maintain and repair the streets as necessary.

IN WITNESS WHEREOF, the said District by and through the Education duly authorized Clerk of this Board of ~~Trustees~~ has executed this Deed of Dedication this 27 day of October, 1960.

BOOK 4995 PAGE 157

Jefferson Union SCHOOL DISTRICT OF SANTA CLARA COUNTY

By Lloyd J. Eby
~~Clerk~~ of the Board of ~~Trustees~~
~~Trustees~~ Education Clerk

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

On this 28 day of October, 1960, before me, a Notary Public, in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Lloyd Eby, Education known to me to be the Clerk of the Board of ~~Trustees~~ of Jefferson Union SCHOOL DISTRICT, Governing Board of said District whose name is subscribed to and who executed the within instrument on behalf of said School District, and he acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, day and year and the certificate first above written.



Vase Lusk
Notary Public in and for the County of Santa Clara, State of California. My commission expires _____

10/58

My commission expires November 7, 1961.

APPROVED AS TO FORM
Date 11/23/60
Robert Morgan
CITY ATTORNEY

END OF RECORD DOCUMENT

TRACT 1692 - BOWERS PARK
88/14 & 15 MAPS

45'
30'
45' 57' 30" W - 30.86'

CHROMITE DRIVE
N 67° 21' 00" E ~ 1015.82'

S 67° 21' 00" W - 760.83'

S 67° 21' 00" W ~ 200.70'

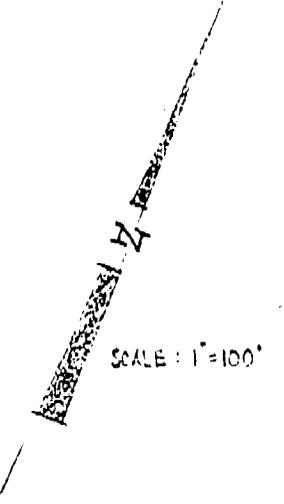
R = 20.00'
Δ = 78° 15' 30"
L = 26.54'

S 23° 25' 12" E - 30' -

N 23° 25' 12" W

BOWERS AVENUE
N 51° 57' 30" W - 64.63'
S 67° 21' 00" E - 130.80'

JEFFERSON UNION SCHOOL DISTRICT
14.091 ± Ac.
106 MAPS 30



P.O. 2

N 67° 21' 00" W ~ 44.51'

CITY OF SANTA CLARA	
R/W ACQUISITION BOWERS AVE & CHROMITE DRIVE	
EDGAR C. SCHOTT - CITY ENGINEER	
DRAWN BY: AGH	DATE: 5 Nov 1960
CHECKED BY:	DATE:
REVISED:	
SCALE: HOR 1" = 100'	TR. NO. 5 1561 2
VERT.:	S.P. NO. 1985
APPROVED:	

1960 - 158

OPR BOOK
4995

PAGE

158

9190

*City Clerk
City Hall
Santa Clara, Ca. 95050*

3939348

RESOLUTION #70-25

BOOK 9190 PAGE 259

City
For benefit of the City of Santa Clara. Recorded free of charge under Section 6103 of the Government Code.

RESOLUTION AUTHORIZING AND DIRECTING EXECUTION OF DEED OF DEDICATION AND GRANT FOR PUBLIC STREET PURPOSES TO THE CITY OF SANTA CLARA

Pursuant to sections 16251 through 16255 of the Education Code of the State of California.

WHEREAS, the Board of Trustees of the Santa Clara Unified School District of Santa Clara County, State of California, on the 24th day of September, 1970, in a regular and open meeting, adopted a resolution declaring its intention to dedicate and grant to the City of Santa Clara for public street purposes certain real property more particularly described as follows:

SEE ATTACHED EXHIBIT "A"

WHEREAS, pursuant to the provisions of said resolution, notice of the adoption of the same and of the time and place of the meeting for public hearing, and the question of said dedication has been posted and published in a manner required by law; and

WHEREAS, pursuant to said resolution and notice, the matter of the dedication of said property was regularly called for hearing this date and no protests or objections to the same were made.

NOW, THEREFORE, IT IS HEREBY RESOLVED AND ORDERED (1) that the declarations and recitals herein contained are true and correct, (2) that the said property be and it is hereby dedicated to the City of Santa Clara for public street purposes, upon the following terms and conditions, to wit:

The City shall pay all costs of transfer, if any; and shall pay the costs of publication of this resolution. Maintenance and improvement of the property shall be the responsibility of City or its designated agent from and after the date of transfer.

12,922

9190

BOOK 9190 PAGE 260

(3) that the clerk of this board be and he is hereby authorized and directed to execute a Deed for and in behalf of this district to the City of Santa Clara conveying the said real property and to deliver the same to the City of Santa Clara upon the performance of the foregoing terms or in the alternative, to deposit the same in escrow subject to such performance.

PASSED AND ADOPTED at a meeting of the Board of Trustees of Santa Clara Unified School District held on the 12th day of November, 1970, by the following vote:

AYES: 5
NOES: 0
ABSENT: 1 and 1 vacancy

Ruth N. Grey
President of the Board of Education of the Santa Clara Unified School District of Santa Clara County.

BOOK 9190 PAGE 259 3939348

FILED FOR RECORD
AT REQUEST OF
City of Santa Clara
JAN 18 9 51 AM '71

OFFICIAL RECORDS
SANTA CLARA COUNTY
GEORGE E. FOWLES
RECORDER

NO FEE

LDS:lg
10/26/70

-2-

12,922

9190

BOOK 9190 PAGE 261
For benefit of the City of
Santa Clara. Recorded free
of charge under Section 6103
of the Government Code.

EXHIBIT "A"

All that certain real property situate in the City of Santa Clara, County of Santa Clara, State of California, being a strip of land 30.00 feet wide, the northerly line of which being more particularly described as follows:

BEGINNING at the northeasterly corner of that certain 14.091 acre parcel of land as shown on that certain Record of Survey, a map of which is recorded in Book 106 of Maps at Page 30, said Santa Clara County Records; thence from said point of beginning, along the northerly line of said 14.091 acre parcel, South 67° 21' 00" West, 25.00 feet, more or less, to the northeasterly corner of that certain parcel of land known as Chromite Drive dedicated and granted to the City of Santa Clara and filed for record in the Office of the County Recorder, County of Santa Clara in book 4995 of official records at page 155, being the westerly terminus of this description.

12,922

9190

BOOK 9190 PAGE 282

For benefit of the City of Santa Clara. Recorded free of charge under Section 610 of the Government Code.

DEED OF DEDICATION FOR PUBLIC STREET PURPOSES

SANTA CLARA UNIFIED SCHOOL DISTRICT of Santa Clara County, for valuable consideration, the adequacy and receipt whereof are hereby acknowledged, does hereby dedicate and grant to the CITY OF SANTA CLARA for Public Street purposes said real property belonging to said District which is located in the County of Santa Clara, State of California, described as follows:

All that certain real property situate in the City of Santa Clara, County of Santa Clara, State of California, being a strip of land 30.00 feet wide, the northerly line of which being more particularly described as follows:

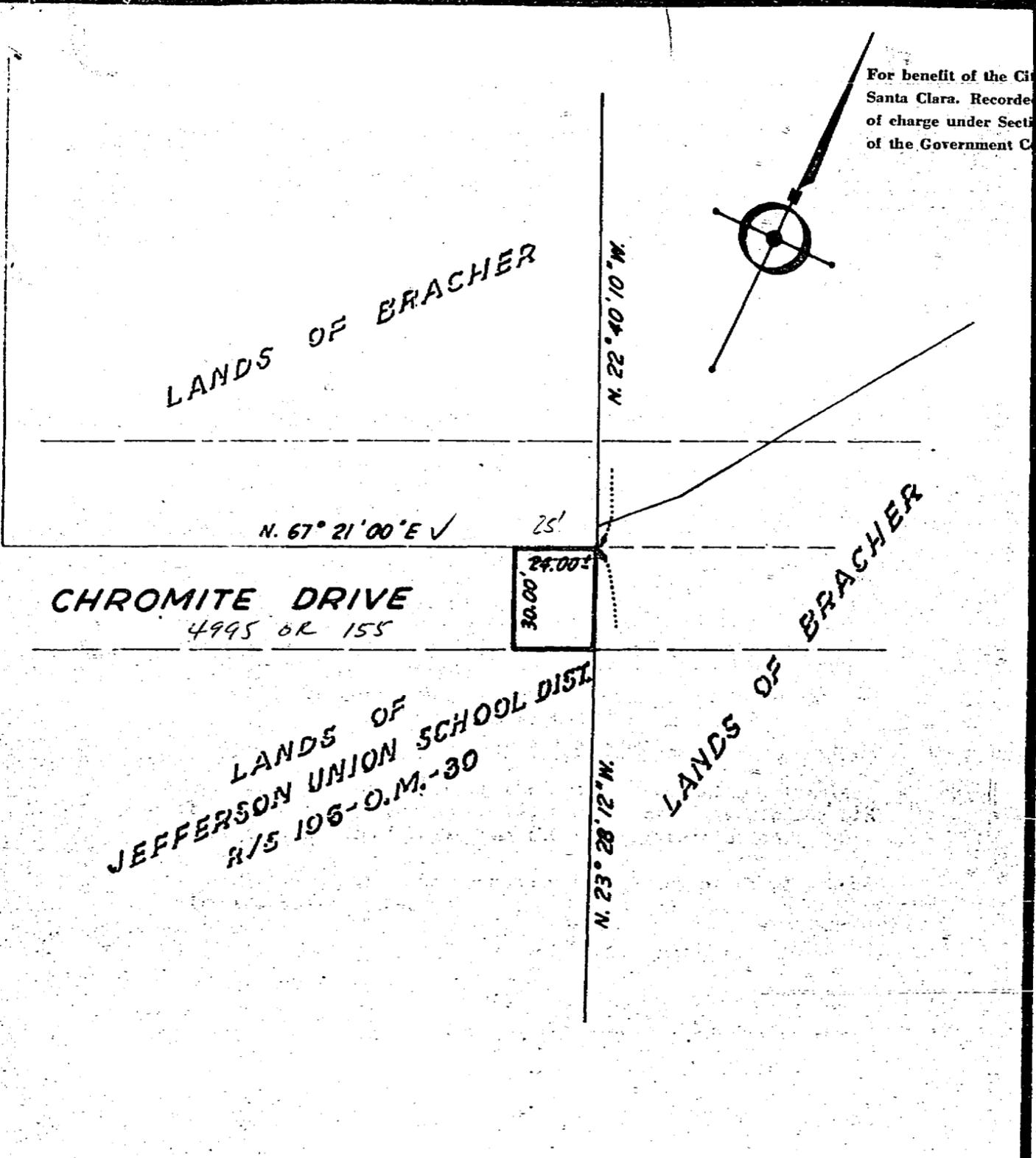
Beginning at the northeasterly corner of that certain 14.091 acre parcel of land as shown on that certain Record of Survey, a map of which is recorded in Book 106 of Maps at Page 30, said Santa Clara County Records; thence from said point of beginning, along the northerly line of said 14.091 acre parcel, South 67° 21' 00" West, 25.00 feet, more or less, to the northeasterly corner of that certain parcel of land known as Chromite Drive, dedicated and granted to the City of Santa Clara and filed for record in the Office of the County Recorder, County of Santa Clara, in Book 4995 of Official Records at Page 155, being the westerly terminus of this description.

12,922

9190

BOOK 9190 PAGE 264

For benefit of the City of Santa Clara. Recorded free of charge under Section 61 of the Government Code.



PLAT TO ACCOMPANY DESCRIPTION
PROPOSED EXTENSION OF CHROMITE DRIVE

REVISION



MACKAY & SOMPS CIVIL ENGINEERS
 347 COMMERCIAL STREET • SAN JOSE, CALIFORNIA
 DATE 8-24-70 SCALE 1" = 40' JOB NO 8235

9190

BOOK 9190 PAGE 265

For benefit of the City of Santa Clara. Recorded free of charge under Section 6103 of the Government Code.

Santa Clara Unified School District of Santa Clara Co.

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Rebeiro and Mayor Salberg; Noes: None; Absent: Councilman Toledo.".....

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss

I, A. S. Belick, City Clerk of the City of Santa Clara, do hereby certify that the above motion and Resolution was adopted by the City Council of said City on July 20, 1954.

[Signature]
City Clerk
JUL 21 1954
CITY OF SANTA CLARA

I, D. R. Von Raesfeld City Manager

of said City of Santa Clara, do hereby accept the within conveyance on behalf of the City.

[Signature]

57

ditch with the Northwesterly line of John Weber's land, thence along the Northwesterly line of said Weber's land, N. $67\frac{1}{2}^{\circ}$ E. 8.76 chs. to the place of beginning. Containing 58.067 acres and being a part of the Enright Tract as patented to James Enright by Patent dated May 1st, 1866, and recorded in Book "A" of Patents, page 79, in the office of the County Recorder of Santa Clara County. Courses true. Var. 18° E. Surveyed August 10th, 1916, by Chas. Herrmann of Herrmann Bros., Surveyors and C. E., San Jose, California.

Together with a one-half interest in and to the well and the waters thereof, and in and to the pumping plant situated on said 144 acre tract now owned by F. P. Hayes and Upon which John Weber has an agreement of sale, said A. A. Machado, his heirs and assigns, being hereby granted forever the right to the use of all of the waters of said well and of said pumping plant exclusively during the first week and the third week of each and every month, and the grantors reserve the exclusive use of all of the waters of said well and of the pumping plant during the remainder of the time, and said A. A. Machado, his heirs and assigns, are hereby granted forever, the right to use the ditch now existing to convey the water from said pumping plant to said 58.067 acres above described, and also the right to connect a two inch pipe to the tank now on said 144 acre tract and to lay said pipe from said tank over to said 58.067 acres, said pipe to be laid one foot beneath the surface of the ground and to run along and immediately adjoining the Southerly boundary of said 144 acres, together with the right to take water through said pipe from said tank for domestic purposes only, said A. A. Machado, his heirs and assigns, shall pay for the electrical current that he or they may use at said pumping plant, and he and they shall pay one-half of all necessary repairs to said pumping plant and well.

The grantors also hereby grant to said A. A. Machado, his heirs and assigns forever, a right of way 20 feet wide for all purposes along and immediately adjoining the Southerly boundary line of said 144 acre tract above mentioned and extending from said 58.067 acres in a Westerly direction to the Southwest corner of said 144 acre tract.

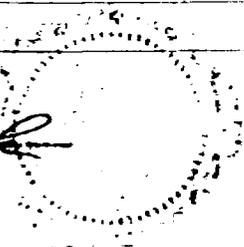
Grantors also hereby grant to said A. A. Machado, his heirs and assigns forever, a right of way 20 feet wide for all purposes over and across that certain parcel of land situated in the County of Santa Clara, State of California, described as follows: Commencing at a point on the Southwesterly line of the 200 acre tract of land conveyed by James Enright to Austin L. Kellogg by deed dated November 19, 1883, and recorded in Book 70 of Deeds, page 253 and following, Records of Santa Clara County, N. $22^{\circ} 30'$ W. 0.55 chs. from a 4" x 4" post marked "E.M." standing at the most Southerly corner of said 200 acre tract of land, and from said point of commencement running the following courses and distances: N. $22^{\circ} 30'$ W. 5.89 chs. along said Southwesterly line of said 200 acre tract of land to the most Southerly corner of land now or formerly of F. P. Hayes; thence at right angles N. $67^{\circ} 30'$ E. along the Southeasterly line of the land now or formerly of F. P. Hayes 0.30 of a chain to a stake marked R.M., thence at right angles S. $22^{\circ} 30'$ E. 5.89 chs., thence at right angles S. $67^{\circ} 30'$ W. 0.30 of a chain to the point of commencement; containing 0.177 acre, more or less; said right of way over said last mentioned parcel running from said Southwest corner of said 144 acre tract in a Southerly direction, and said grantors also hereby grant to said A. A. Machado, his heirs and assigns forever, a right of way 20 feet wide for all purposes connecting with the Southerly end of said last mentioned right of way and running in a Southerly direction over and along the present traveled way to the county road.

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recitation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Robeiro and Mayor Salberg; Noes: None; Absent: Councilman Toledo."

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

I, A.S. Belick City Clerk of the City of Santa Clara, do hereby certify that the above motion and Resolution was adopted by the City Council of said City on July 20, 1954.

A.S. Belick
City Clerk



1113092

BOOK 3239 PAGE 566
FILED FOR RECORD AT REQUEST OF

City of Santa Clara
JUL 29 3 47 P 1955

CITY RECORDS
SANTA CLARA COUNTY
City Recorder
RECORDED

I, *D. H.*

Joseph F. Base, Mayor of said City Manager

City of Santa Clara, do hereby accept the within conveyance on behalf of said City.

Joseph F. Base

✓
0

✓

Frank M. Nobriga, Mary Nobriga, his wife, and Manuel Baptista, a single man, do hereby Grant to the City of Santa Clara (a municipal corporation) all that real property situate in the County of Santa Clara, State of California, described as follows:

BOOK 3239 PAGE 567

An easement and right-of-way, for the purpose of constructing, installing, repairing, maintaining, operating, replacing, a sewer line; and all pipes, conduits, mains, laterals and other appurtenances necessary for or appurtenant thereto, on, along, in, upon, and across the hereinafter described real property:-

A continuous strip of land 10 feet wide on the southerly side of the southerly line of Lot 2B of the "Enright Tract," lying adjacent and contiguous thereto. Said southerly line being particularly described as follows:

Beginning at a point on the southerly line of Lot 2B as said lot is shown and delineated upon that certain Map entitled, "Map of the Partition of the Lands of the Enright Estate Company in the Original 'Enright Tract'" filed for public record May 3, 1922 in Book R of Maps at Page 3 therein records of Santa Clara County, California, from which the most southerly corner of said Lot 2B bears S. 67°24' W., 52.3 feet distant; thence leave said point of beginning and running N. 67°24' E., 573.16 feet to the northwesterly corner of Lot 16 as said lot is shown and delineated upon that certain map entitled, "Map of the Subdivision of the Morse Tract" filed October 26, 1903, records of Santa Clara County, California.

In witness whereof said undersigned have hereunto set their hands this 14th day of July, 1955.

[Faint handwritten signatures]

Manuel Baptista
Frank Nobriga

Her
Mary Nobriga
Mark
Mary Nobriga being unable to write signed by mark in our presence and her name was then written by the undersigned *[Signature]* near such mark.

Witness
to mark } *[Signature]*
Christine Linnard

2 X

STATE OF CALIFORNIA

BOOK 3239 PAGE 538

County of Santa Clara

On this 14th day of July in the year one thousand nine hundred and fifty-five

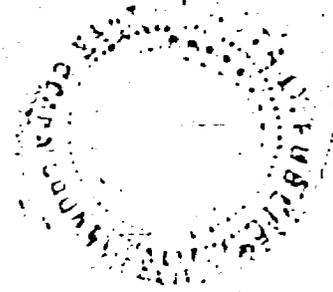
before me, KENNETH MACHADO, a Notary Public in and for the

County of Santa Clara, State of California, residing therein,
duly commissioned and sworn, personally appeared

MANUEL BATISTA, FRANK M. NOBRIGA and
MARY NOBRIGA

known to me to be the persons whose names are subscribed to the within instrument
and acknowledged to me that they executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
in the County of Santa Clara the day and year in this
certificate first above written.



Kenneth Machado

Notary Public in and for the County of Santa Clara
State of California
My Commission Expires October 29, 1958

2x

dt

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Rebeiro and Mayor Salberg; Noes: None; Absent: Councilman Toledo."

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

I, A. S. Belick, City Clerk of the City of Santa Clara, do hereby certify that the above motion and Resolution was adopted by the City Council of said City on July 20, 1954.

A. S. Belick
City Clerk

I, Loyd Brady, ~~Mayor~~ of said City Manager

City of Santa Clara, do hereby accept the within conveyance on behalf of said City.

Loyd Brady

FILED FOR RECORD
PAGE 4435 PAGE 581

FILED FOR RECORD
CITY OF Santa Clara
JUN 2 10 29 A 1959
SANTA CLARA COUNTY

DEED OF DEDICATION FOR PUBLIC UTILITY PURPOSES

Jefferson Union School District, of Santa Clara County, hereby dedicates and grants to the City of Santa Clara, a municipal corporation, an easement and right-of-way for the purpose of installing, maintaining, replacing and suspending from poles and cross arms, overhead wires, cables, lines and conduits over, on and upon the hereinafter described real property in the City of Santa Clara, County of Santa Clara, State of California, described as follows:

A strip of land 5.00 feet in width and 1004.35 feet more or less in length, being a portion of those certain lands of Jefferson School District known as Bracher School. The southerly line of said 5.00 foot wide strip of land lies contiguous to and northerly of a southerly line of said lands of the Jefferson School District. The southerly line of said 5.00 foot wide strip of land is further described as follows:

Beginning at the most southerly corner of said Lands of Jefferson School District from which the southeast corner of Lot 79, Tract 1692 bears S. 67° 21' 30" W. 200.69 feet, a map of said Tract is recorded in Book 88 of Maps at pages 14 and 15 therein, Records of Santa Clara County, California;

Thence from said point of beginning N. 67° 21' 30" E. 1004.35 feet more or less to the southeast corner of said Lands of Jefferson School District.

IN WITNESS WHEREOF, the said District by and through the duly authorized Clerk of this Board of Education has executed this Deed of Dedication this 26th day of March, 1959.

Date 3/28/59
Henry Morgan

JEFFERSON UNION SCHOOL DISTRICT
By Frank A. Wilcox
Clerk of the Board of Education

STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

On this 26th day of March, 1959, before me a Notary Public, in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Frank A. Wilcox, known to me to be the Clerk of the Board of Education of Jefferson Union School District, Governing Board of said District, whose name is subscribed to and who executed the within instrument on behalf of said School District and he acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, day and year and the certificate first above written.

Wesley L. ...
Notary Public in and for the County of Santa Clara, State of California
My commission expires My commission expires November 7, 1961.

RESOLUTION AUTHORIZING AND DIRECTING EXECUTION
OF GRANT OF EASEMENT FOR PUBLIC UTILITY
PURPOSES TO CITY OF SANTA CLARA

Pursuant to Sections 18671 through 18674 of the Education Code of the State of California.

WHEREAS, the Board of ^{Education} ~~Trustees~~ of Jefferson Union School District of Santa Clara County, State of California, on the 26th day of February, 1959, in regular open meeting, adopted a resolution declaring its intention to dedicate and grant an easement to City of Santa Clara for public utility purposes, certain real property more particularly described as follows:

A strip of land 5.00 feet in width and 1004.35 feet more or less in length, being a portion of those certain lands of Jefferson School District known as Bracher School. The southerly line of said 5.00 foot wide strip of land lies contiguous to and northerly of a southerly line of said lands of the Jefferson School District. The southerly line of said 5.00 foot wide strip of land is further described as follows:

Beginning at the most southerly corner of said Lands of Jefferson School District, from which the southeast corner of Lot 79, Tract 1692 bears S. 67° 21' 30" W., 200.69 feet, a map of said Tract is recorded in Book 88 of Maps at pages 14 and 15 therein, Records of Santa Clara County, California;

Thence from said point of beginning N. 67° 21' 30" E. 1004.35 feet more or less to the southeast corner of said Lands of Jefferson School District.

WHEREAS, pursuant to the provisions of said resolution, notice of the adoption of the same, and of the time and place of the meeting for public hearing upon the question of said dedication, has been posted and published in the manner required by law; and

WHEREAS, pursuant to said resolution and notice, the matter of the dedication of said property was regularly called for hearing this date, and no protests or objections of same were made;

NOW, THEREFORE, IT IS HEREBY RESOLVED AND ORDERED (1) that the declarations and recitals herein contained are true and correct; and (2) that an easement in said property be and it is hereby granted to City of Santa Clara for public utility purposes upon the following terms and conditions, to-wit:

The City shall pay all expenses of advertising and transfer of easement title.

(3) that the Clerk of this Board be and he is hereby authorized and directed to execute a Grant of Easement for and on behalf of this Board to City of Santa Clara conveying an easement in the said property and to deliver the same to the said Grantee upon the performance of the foregoing terms or in the alternative, to deposit the same in escrow subject to such performance.

PASSED AND ADOPTED at a meeting of the Board of ^{Education} ~~Trustees~~ of Jefferson Union School District held on the 26th day of March 1959, by the following vote:

AYES: 5 Trustees

NOES: 0 Trustees

ABSENT: 0 Trustees

Walter M. Brown
~~Chairman~~ ^{President} of the Board of ~~Trustees~~ ^{Education} of Jefferson Union School District of Santa Clara County.

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Ribeiro and Mayor Salberg; Nays: None; Absent: Councilman Toledo."

STATE OF CALIFORNIA }
COUNTY OF SANTA CLARA } ss:

I, A. G. [unclear], City Clerk of the City of Santa Clara, do hereby certify that the above recited resolution was adopted by the City Council of said city on [unclear] 19[unclear].

[Handwritten signature]

Loyd Brady

XXXXXX

City of Santa Clara do hereby accept the [unclear] in conformity with the [unclear] of said City.

Loyd Brady

RESOLUTION AUTHORIZING AND DIRECTING EXECUTION
OF GRANT OF EASEMENT FOR SEWER

CITY OF SANTA CLARA PURPOSES TO

Pursuant to Sections 18671 through 18674 of the Education
Code of the State of California,

WHEREAS, the Board of Trustees of JEFFERSON UNION
SCHOOL DISTRICT of Santa Clara County, State of California, on the
6th day of August, 1959, in regular open meeting,
adopted a resolution declaring its intention to dedicate and grant
an easement to CITY OF SANTA CLARA
for sewer purposes,
certain real property more particularly described as follows:

See Exhibit "A"

1708212

BOOK 4573 PAGE 42

FILED RECORDED
AT CITY OF SANTA CLARA
OCT 17 9 41 AM 1959

City of Santa Clara

D.A.

SC # 10,250

EXHIBIT A

BOOK 4573 PAGE 44

GRANT OF EASEMENT

AT BRACHER SCHOOL

A strip of land 40.00 feet in width and 658.13 feet in length situate in the City of Santa Clara, California, being a portion of those certain lands of Jefferson Union School District known as Bracher School, the same lying within Lots 16 and 15 of the Morse Tract as said Lots are shown and delineated on that certain map filed for record in the Office of the County Recorder of Santa Clara County, California, in Book F2 of Maps at page 20 therein, said 40.00 feet wide strip of land lies contiguous to and westerly of the following described lines:

Beginning at the most northerly corner of said Lot 16;

Thence S $23^{\circ} 28' 12''$ E following the northeasterly line of said Lot 16, 343.20 feet to an angle point therein;

Thence continuing along said northeasterly line and along the northeasterly line of said Lot 15, S $22^{\circ} 28' 20''$ E, 314.93 feet to the intersection with the northeasterly prolongation of the southerly line of Lot 79 of Tract No. 1692 as said lot and southerly line are shown on map of said Tract filed for record in the Office of the said County Recorder in Book 88 of maps at pages 14 and 15 therein. Said Point of Intersection lies at the most easterly corner of said lands of Jefferson Union School District.

WHEREAS, pursuant to the provisions of said resolution, notice of the adoption of the same, and of the time and place of the meeting for public hearing upon the question of said dedication, has been posted and published in the manner required by law; and

WHEREAS, pursuant to said resolution and notice, the matter of the dedication of said property was regularly called for hearing this date, and no protests or objections of same were made;

NOW, THEREFORE, IT IS HEREBY RESOLVED AND ORDERED (1) that the declarations and recitals herein contained are true and correct; and (2) that an easement in said property be and it is hereby granted to CITY OF SANTA CLARA for sewer purposes upon the following terms and conditions, to wit:

(3) that the Clerk of this Board be and he is hereby authorized and directed to execute a Grant of Easement for and on behalf of this Board to CITY OF SANTA CLARA conveying an easement in the said property and to deliver the same to the said Grantee upon the performance of the foregoing terms or in the alternative, to deposit the same in escrow subject to such performance.

PASSED AND ADOPTED at a meeting of the Board of Trustees of JEFFERSON UNION SCHOOL DISTRICT held on the 6th day of August, 1959, by the following vote:

AYES: 3 Trustees
NOES: 0 Trustees
ABSENT: 2 Trustees

George M. Brown
Chairman of the Board of Trustees of

JEFFERSON UNION SCHOOL DISTRICT
of Santa Clara County.

APPROVED: [Signature]
Date: 10/17/59
CITY ATTORNEY

GRANT OF EASEMENT

BOOK 4573 PAGE 46

JEFFERSON UNION

SCHOOL DISTRICT of Santa Clara

County, for valuable consideration, the adequacy and receipt whereof are hereby acknowledged, does hereby grant to _____

CITY OF SANTA CLARA

an Easement for _____

sewer

purposes, over, upon, through and

across said real property belonging to said District which is located

in the County of Santa Clara, State of California, described as

follows:

See Exhibit A

EXHIBIT A

GRANT OF EASEMENT

AT BRACHER SCHOOL

A strip of land 40.00 feet in width and 658.13 feet in length situate in the City of Santa Clara, California, being a portion of those certain lands of Jefferson Union School District known as Bracher School, the same lying within Lots 16 and 15 of the Morse Tract as said Lots are shown and delineated on that certain map filed for record in the Office of the County Recorder of Santa Clara County, California, in Book F2 of Maps at page 20 therein, said 40.00 feet wide strip of land lies contiguous to and westerly of the following described line:

Beginning at the most northerly corner of said Lot 16;

Thence S 23° 28' 12" E following the northeasterly line of said Lot 16, 343.20 feet to an angle point therein;

Thence continuing along said northeasterly line and along the northeasterly line of said Lot 15, S 22° 28' 20" E, 314.93 feet to the intersection with the northeasterly prolongation of the southerly line of Lot 79 of Tract No. 1692 as said lot and southerly line are shown on map of said Tract filed for record in the Office of the said County Recorder in Book 88 of Maps at pages 14 and 15 therein. Said Point of Intersection lies at the most easterly corner of said lands of Jefferson Union School District.

BOOK 4573 PAGE 47

Upon the following terms and conditions:

- 1) Costs of school district legal advertising to be borne by the CITY OF SANTA CLARA
- 2) Any excavation made pursuant to this easement must be restored to ground level following installation.

The provisions hereof shall inure to the benefit of and bind the heirs, successors and assigns of the respective parties hereto.

IN WITNESS WHEREOF the said District by and through the duly authorized Clerk of this Board of Trustees has executed this Grant of Easement this 6 day of August, 1959.

JEFFERSON UNION SCHOOL DISTRICT

By Frank A. Wilcox
Clerk of the Board of Trustees

STATE OF CALIFORNIA)
County of Santa Clara) ss.

On this 6 day of August, 1959, before me, a Notary Public, in and for said County and State, residing therein, duly commissioned and sworn, personally appeared FRANK WILCOX

_____ , known to me to be the Clerk of the Board of Trustees of JEFFERSON UNION SCHOOL DISTRICT, Governing Board of said District, whose name is subscribed to and who executed the within instrument on behalf of said School District, and he acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, day and year and the certificate first above written.

Vasco Lucchesi
Notary Public in and for the County of Santa Clara, State of California
My Commission expires My commission expires November 7, 1961.

APPROVED AS TO FORM
Date 10/11/59
Henry Morgan
Notary Public

1/59

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote: Ayes: Councilmen Barcells, Eucher, Kiely, Nicholson, Rebeiro and Mayor Salberg; Nays: None; Absent: Councilman Toledo."

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss.

I, A. S. Felick, City Clerk of the City of Santa Clara, do hereby certify that the above motion and resolution was adopted by the City Council of said City on July 20, 1958.

A. S. Felick
CITY CLERK

I, Lloyd Brady : xxxxxx
City Manager

City of Santa Clara, do hereby accept the within boundaries of
of said City.

Lloyd Brady

1708213
BOOK 4573 PAGE 48
FILED FOR RECORD
AT RE
City of Santa Clara
OCT 14 9 42 A 1959
SANTA CLARA COUNTY

B.H.

OPHELIA E. BOHANNON, Trustee for Barbara Carleton

Trust No. 2, grantor, hereby dedicates to the CITY OF SANTA CLARA, a municipal corporation, for the use of the public as a highway, street and thoroughfare the following described real property situated in the City of Santa Clara, County of Santa Clara, State of California, more particularly described as follows:

Beginning at a point in the center line of Lawrence Station Road distant thereon North 0° 05' 20" West 9.10 feet and North 0° 52' 30" West 202.20 feet from the intersection of the center line of Lawrence Station Road with the center line of Pruneridge Avenue; thence leaving said center line of Lawrence Station Road South 89° 07' 30" West 60.00 feet; thence South 0° 52' 30" East 25.00 feet; thence North 89° 07' 30" East 60.00 feet to the center line of Lawrence Station Road; thence along said center line of Lawrence Station Road North 0° 52' 30" West 25.00 feet to the point of beginning. Containing approximately 0.034 of an acre.

IN WITNESS WHEREOF, said grantor has hereunto set her

hand this 25 day of August, 1959.

Opheia E Bohannon

 OPHELIA E. BOHANNON, Trustee
 for Barbara Carleton Trust No. 2

APPROVED AS TO FORM
 OCT 2 - 1959
 Date _____
Robert G. Morgan

 CITY ATTORNEY

STATE OF CALIFORNIA,

County of San Mateo

BOOK 4573 PAGE 50

On this 25 day of August in the year one thousand nine hundred and fifty nine

before me, Alma Myers, a Notary Public in and for the

County of San Mateo, State of California, residing therein,
duly commissioned and sworn, personally appeared

Ophelia E. Bohannon, Trustee

known to me to be the person whose name is subscribed to the within instrument
and acknowledged to me that he executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
in the County of San Mateo the day and year in this
certificate first above written.

Alma Myers

Notary Public in and for the County of San Mateo
State of California.

My Commission Expires August 11, 1961

D.H.

1828446

BOOK 4820 PAGE 715

....."It was moved by Councilman Kiely, seconded by Councilman Barcells, that either the Mayor or City Manager be authorized to accept all grants and/or easements conveying any interest in real property to the City of Santa Clara, and to consent to the recordation of said conveyances. Motion carried by the following vote:
 Ayes: Councilmen Barcells, Bucher, Kiely, Nicholson, Rebeiro and Mayor Salberg; Noes: None; Absent: Councilman Toledo.".....

STATE OF CALIFORNIA }
 COUNTY OF SANTA CLARA } ss.

I, A. S. Belick, City Clerk of the City of Santa Clara, do hereby certify that the above motion and Resolution was adopted by the City Council of said City on July 20, 1954.

A. S. Belick

 City Clerk

I, Lloyd Brady, Mayor of said City Manager

City of Santa Clara, do hereby accept the within conveyance on behalf of said City.

Lloyd Brady

1828446 BOOK 4820 PAGE 715

FILED FOR RECORD AT REQUEST OF

CITY Santa Clara

JUL 19 11 43 AM 1954

CITY CLERK'S OFFICE SANTA CLARA COUNTY CALIFORNIA

D.H.

RESOLUTION AUTHORIZING AND DIRECTING EXECUTION OF DEED
OF DEDICATION AND GRANT FOR STORM DRAIN
PURPOSES TO CITY OF SANTA CLARA

Pursuant to Sections 18671 through 18674, the Education Code
of the State of California,

WHEREAS, the Board of ^{Education} ~~Trustees~~ of the JEFFERSON UNION

SCHOOL DISTRICT of Santa Clara County, State of
California, on the 11th day of February, 1960,

in a regular and open meeting, adopted a Resolution declaring its
intention to dedicate and grant to CITY OF SANTA CLARA

for Storm drain purposes purposes certain real
property more particularly described as follows:

Being a strip of land of a uniform width of 10.00 feet, the
Southerly line of which is more particularly described as follows:

Beginning at a point on the Northerly boundary of Tract No.
2334, Bonnie Brae Homes Unit No. 3, a Map of which was filed for re-
cord, in Book 119 of Maps, at page 34, Santa Clara County
Records, distant thereon South $67^{\circ} 21' 30''$ West, 10.00 feet from the
Northeasterly corner of Lot 193 of said Tract No. 2334; thence leaving
said point of beginning along said Northerly boundary and along the
Southerly boundary of that certain 7.041 acre parcel of land described in
that final order and decree of condemnation entitled: "Jefferson Union
School District of Santa Clara County, plaintiff, vs. Marcella Sim, et
al, defendant," dated December 8, 1958 and recorded December 9, 1958 in
Book 4253, page 555 Santa Clara County Records, North $67^{\circ} 21' 30''$ East
476.60 feet to the Southeasterly corner of said 7.041 acre parcel and
to the terminus of the Southerly line herein being described.

WHEREAS, pursuant to the provisions of said resolution, notice of the adoption of the same and of the time and place of the meeting for public hearing, when the question of said dedication has been posted and published in a manner required by law; and

BOOK 4820 PAGE 717

WHEREAS, pursuant to said resolution and notice, the matter of the dedication of said property was regularly called for hearing this date and no protests or objections to the same were made.

NOW, THEREFORE, IT IS HEREBY RESOLVED AND ORDERED (1) that the declarations and recitals herein contained are true and correct,

(2) that the said property be and it is hereby dedicated to _____

CITY OF SANTA CLARA for storm drain

purposes, upon the following terms and conditions, to wit:

- (1) Costs of school district legal advertising to be borne by the City of Santa Clara.
- (2) Any excavation made pursuant to this easement must be restored to ground level following installation. Any fences or other existing appurtenances must also be restored to their original location and in the same condition.
- (3) Excavation shall be done during school vacation time if possible. If not possible, the trench shall not be left open for more than forty-eight hours.
- (4) School district shall have the right to connect to this storm drain if it should deem a connection necessary.

2) Any excavation made pursuant to this easement must be restored to ground level following installation.

(3) that the Clerk of this Board be and he is hereby authorized and directed to execute a Deed for and in behalf of this District to

CITY OF SANTA CLARA conveying the said real property and to deliver the same to CITY OF SANTA CLARA

upon the performance of the foregoing terms or in the alternative, to deposit the same in escrow subject to such performance.

PASSED AND ADOPTED at a meeting of the Board of ^{Education} Trustees of JEFFERSON UNION SCHOOL DISTRICT held on the 25th day of February, 1960, by the following vote:

AYES:	Trustees	5
NOES:	Trustees	0
ABSENT:	Trustees	0

George M. Brown
 President of the Board of Trustees of Education
JEFFERSON UNION SCHOOL DISTRICT OF Santa Clara County.

10/58

SC # 10, 343

DEED OF DEDICATION FOR STORM DRAIN PURPOSES

JEFFERSON UNION SCHOOL DISTRICT of Santa Clara County, for valuable consideration, the adequacy and receipt whereof are hereby acknowledged, does hereby dedicate and grant to City of Santa Clara for storm drain

purposes said real property belonging to said District which is located in the County of Santa Clara, State of California, described as follows:

Being a strip of land of a uniform width of 10.00 feet, the Southerly line of which is more particularly described as follows:

Beginning at a point on the Northerly boundary of Tract No. 2334, Bonnie Brae Homes Unit No. 3, a map of which was filed for record in Book 119 of Maps, at page 34, Santa Clara County Records, distant thereon South $67^{\circ} 21' 30''$ West, 10.00 feet from the Northeasterly corner of Lot 193 of said Tract No. 2334; thence leaving said point of beginning along said Northerly boundary and along the Southerly boundary of that certain 7.041 acre parcel of land described in that final order and decree of condemnation entitled: "Jefferson Union School District of Santa Clara County, plaintiff, vs. Marcella Sim, et al, defendant," dated December 8, 1958 and recorded December 9, 1958 in Book 4253, page 555, Santa Clara County Records, North $67^{\circ} 21' 30''$ East 476.60 feet to the Southeasterly corner of said 7.041 acre parcel and to the terminus of the Southerly line herein being described.

upon the following terms and conditions:

BOOK 4820 PAGE 720

- (1) Costs of school district legal advertising to be borne by the City of Santa Clara.
- (2) Any excavation made pursuant to this easement must be restored to ground level following installation. Any fences or other existing appurtenances, must also be restored to their original location and in the same condition.
- (3) Excavation shall be done during school vacation time if possible. If not possible, the trench shall not be left open for more than forty-eight hours.
- (4) School district shall have the right to connect to this storm drain if it should deem a connection necessary. ✓

2) Any excavation made pursuant to this easement must be restored to ground level following installation.

IN WITNESS WHEREOF, the said District by and through the Education duly authorized Clerk of this Board of ~~Trustees~~ has executed this Deed of Dedication this 25th day of February, 1960.

APPROVED: 2/26/60
Frank A. Wilcox
CITY ATTORNEY

JEFFERSON UNION SCHOOL DISTRICT OF SANTA CLARA COUNTY

By Frank A. Wilcox
Clerk of the Board of ~~Trustees~~ Education

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

ss.

On this 26th day of February, 1960, before me, a Notary Public, in and for said County and State, residing therein, duly commissioned and sworn, personally appeared Frank A. Wilcox, Education known to me to be the Clerk of the Board of ~~Trustees~~ of JEFFERSON UNION SCHOOL DISTRICT, Governing Board of said District whose name is subscribed to and who executed the within instrument on behalf of said School District, and he acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, day and year and the certificate first above written.

Vasso Loukas
Notary Public in and for the County of Santa Clara, State of California.
My commission expires November 7, 1961.

1820 721



BRACHER

SCHOOL

7.041 AC. 4253/555 OR.

Saratoga

N 72° 18' 20" W

N 67° 21' 30" E

1004.55

10'

10'

TRACT 2334

CITY OF SANTA CLARA

BRACHER SCHOOL STORM
DRAIN EASEMENT

EDGAR J. SCHOTT - CITY ENGINEER

DATE: C.T. 5/26/60

CHECKED BY:

REVISIONS:

SCALE: 1" = 100' 5/1391 S

APP. NO. 1812

APPROVED:

RECORDED AT THE REQUEST OF
THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY

RETURN TO:
Right of Way Supervisor
Room 154 1190 Coleman Ave.
San Jose, California

3463909

BOOK 8222 PAGE 92

FILED FOR RECORD
AT REQUEST OF

Pacific Tel and Tel
AUG 9 10 01 AM '66

OFFICIAL RECORDS
SANTA CLARA COUNTY
GEORGE E. FOWLES
RECORDER

280 BOOK 8222 PAGE 92

NO TAX DUE

GRANT OF EASEMENT

SANTA CLARA UNIFIED SCHOOL DISTRICT OF SANTA

CLARA COUNTY, for valuable consideration, the adequacy and receipt whereof are hereby acknowledged, does hereby grant

to PACIFIC TELEPHONE COMPANY

an Easement for Public Utility

purposes, over, upon, through and across said real property

belonging to said district which is located in the County of

Santa Clara, State of California, described as follows: A

parcel of land 16 feet in width, the centerline of which is described as follows:

Beginning at a point, from which point the most Northerly corner of that certain "Record of Survey, Santa Clara, California" according to the map thereof filed in Book 106 of Maps of said County, page 30, bears North 61° 52' 00" East 20.02 feet, and running thence from said point of beginning South 25° 43' 00" East 766.02 feet to the Southeasterly boundary line of said map.

CONSIDERATION PAID FOR OR VALUE OF INTEREST CONVEYED DOES NOT EXCEED \$100.00.

136/



Upon the following terms and conditions: The Pacific Telephone Company shall pay any and all expenses incurred in the transfer of title, including escrow charges, revenue stamps if required, and title insurance if desired. The Pacific Telephone Co. shall also pay the cost of publication of the Resolution of Intention to Dedicate an Easement for Utility purposes to the Pacific Telephone Company. As a further condition, all surface improvements disrupted by the installation of any underground structures shall be replaced at the expense of Pacific Telephone Co, and all such installations must be completed without any disruption of school activities.

The provisions hereof shall inure to the benefit of and bind the heirs, successors and assigns of the respective parties hereto.

IN WITNESS WHEREOF the said district by and through the duly authorized clerk of this board of trustees has executed this Grant of Easement this 11th day of January, 1968.

SANTA CLARA UNIFIED SCHOOL DISTRICT

By L. C. Curtis
~~Clerk~~ of the Board of Trustees
Secretary

STATE OF CALIFORNIA)
County of Santa Clara) ss.

On this 11th day of January, 1968, before me, a Notary Public, in and for said county and state, residing therein, duly commissioned and sworn, personally appeared Lawrence C. Curtis, known to me to be the Clerk of the Board of Trustees of SANTA CLARA UNIFIED SCHOOL DISTRICT, governing board of said district, and known to me to be the person who executed the within instrument on behalf of said school district, and he acknowledged to me that said school district executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, day and year and the certificate first above written.

Vasco Lucchesi
Notary Public in and for the County of Santa Clara, State of California
My commission expires _____



KH
R/12/68X
LDS:b
12/13/67

DESCRIPTION CORRECT
E. R. Church - 2 -
RIGHT OF WAY SUPVR.

FORM APPROVED
PUBLISHED BY COUNTY SUTRO, Attorneys
By [Signature]

SIX-MONTH SURVEILLANCE AHERA REPORT

**BRACHER ELEMENTARY SCHOOL
2700 CHROMITE DRIVE
SANTA CLARA, CA 95051**

**PREPARED FOR:
SANTA CLARA UNIFIED SCHOOL DISTRICT
1889 LAWRENCE ROAD
SANTA CLARA, CA 95051**

**INSPECTED ON:
JUNE 10, 2020**

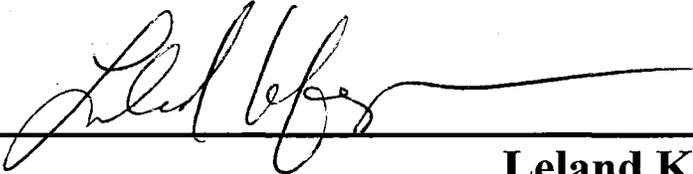
HAZMAT DOC PROJECT #20-075

**PREPARED BY:
HAZMAT DOC
3080 OLCOTT STREET • SUITE D135
SANTA CLARA, CA 95054
Tel: 408.748.0055**

**SANTA CLARA UNIFIED SCHOOL DISTRICT
BRACHER ELEMENTARY SCHOOL**

**INSPECTED ON:
JUNE 10, 2020**

INSPECTED BY:



**Leland Kafeyan
Cal/OSHA Certified Site Surveillance Technician
Certification Number 06-4110**

REPORTED BY:



**Maheen B. Doctor
Cal/OSHA Certified Asbestos Consultant
Certification Number 95-1798**

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FRIABLE LOCATIONS REPORT

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NON-FRIABLE LOCATIONS REPORT

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DAMAGE REPORT

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SITE MAPS

LEGEND

THE FOLLOWING IS A LIST OF ABBREVIATIONS USED IN THIS REPORT:

Asbestos Sample Types

AC	=	ACTINOLITE
AM	=	AMOSITE
AN	=	ANTHOPHYLLITE
CH	=	CHRYSOTILE
CR	=	CROCIDOLITE
TR	=	TREMOLITE
ND	=	NONE DETECTED
NS	=	NO SAMPLE

Measurements

APPROX.	=	APPROXIMATELY
EA	=	EACH
I	=	INCHES
LF	=	LINEAR FEET
N	=	NUMBER
O.D.	=	OUTSIDE DIAMETER
SF	=	SQUARE FEET
TBD	=	TO BE DETERMINED

LIST OF BUILDINGS AT

BRACHER ELEMENTARY SCHOOL

BUILDING NAME BUILDING USED AS (#FLOORS) CONSTRUCTION	BUILDING AREA (APPROXIMATE)
ADMINISTRATION BUILDING	
Office and Lounge (1) Stucco and Wood Framing (1958)	1,948 SF
CLASSROOM E PORTABLE BUILDING	
Classrooms (1) Stucco and Wood Framing (1997)	960 SF
CLASSROOMS 01-05, KA & KB BUILDING	
Classrooms (1) Stucco and Wood Framing (1958)	8,415 SF
CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING	
Classrooms (1) Stucco and Wood Framing (1958)	6,600 SF
CLASSROOMS 11-15 BUILDING	
Classrooms (1) Stucco and Wood Framing (1958)	5,940 SF
CLASSROOMS 16-20 BUILDING	
Classrooms (1) Stucco and Wood Framing (1958)	5,280 SF
CLASSROOMS 21-24 BUILDING	
Classrooms (1) Stucco and Wood Framing (1958)	4,050 SF
CLASSROOMS F & G PORTABLES BUILDING	
Classrooms (1) Stucco and Wood Framing (1997)	1,920 SF
DAYCARE (A & B) PORTABLES BUILDING	
Classrooms (1) Stucco and Wood Framing (1979)	2,880 SF
DAYCARE OFFICE PORTABLE BUILDING	
Daycare (1) Stucco and Wood Framing (1991)	960 SF
MAIN COVERED WALKWAY	
Walkway (1) Stucco and Wood	10,000 SF
METAL STORAGE CONTAINERS	
Storage (1) Metal	1,120 SF
MULTI-PURPOSE AND CAFETERIA BUILDING	
Auditorium and Cafeteria (1) Stucco and Wood Framing (1958)	4,662 SF

LIST OF BUILDINGS AT

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	BUILDING AREA (APPROXIMATE)
---------------	--------------------------------

BUILDING USED AS (#FLOORS) CONSTRUCTION	
--	--

WOOD SHED

Storage	80 SF
(1) Wood	

Total Number Of Buildings : <u>14</u>	(Approximate) Total Sq Ft. :	<u>54,815</u>
---------------------------------------	------------------------------	---------------

End Of Report, Total Of 2 Pages

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
------------	------------------	---------------	---------------

ADMINISTRATION BUILDING

ADMINISTRATION BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 This Structure was Renovated and had a full interior gut including Offices and Restrooms (except the Plaster Walls and Ceilings) during Summer of 2002 per information received from SCUSD.

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL

6,600 SF

05/05/2015 Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 Damages Observed. <5% Physical Damage in the form of 1 LF crack on ceiling by entry into school office. Material condition changed from GOOD to FAIR overall. Friability updated from Non-Friable to Friable. No other changes as of this date.

06/10/2020 This Material is unchanged as of this date.

39435-5	ND	NONE DETECTED	(ND)
15-082AAA	ASSUMED	NO SAMPLE	(NS)

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

6,600 SF

05/05/2015 Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.

SF= Sq. Ft, l=Inches, LF=Linear Ft., N=Number, EA=Each

HazMat Doc. All Rights Reserved.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2015			
05/13/2016			
11/03/2016			
05/02/2017			
11/08/2017			
05/10/2018			
11/01/2018			
05/01/2019			
11/13/2019			
06/10/2020			
15-082AAA	ASSUMED	NO SAMPLE	(NS)

ADMINISTRATION BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
15-191AAA	ASSUMED	NO SAMPLE	(NS)

ADMINISTRATION BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date..
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
-----------	---------	-----------	--------

ADMINISTRATION BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

105 SF

05/05/2015	Fire Door Core Insulation. (5 EA Doors). This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,000 SF

05/05/2015	Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 12 LF hairline cracks skim coat peeling around lower portions of the walls. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
05/02/2017	Damages clarified. There are now approximately 24 LF of cracks on West Wall. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 3,000 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 12 LF hairline cracks skim coat peeling around lower portions of the walls. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/02/2017	Damages clarified. There are now approximately 24 LF of cracks on West Wall. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

ADMINISTRATION BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

200 LF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Phyiscal Damage - approximately 2 LF of Damage due to aging and deterioration on Window outside of Staff Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.

SURVEY REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOM E PORTABLE BUILDING

CLASSROOM E PORTABLE BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 Manufacturer's Tag Info:
By: Cal America, Date: 7/97, Serial # 590 and 591

CLASSROOM E PORTABLE BUILDING

CLASSROOM E

PORTABLE BUILDING

960 SF

05/05/2015 New 1997 Construction Relocatable Building per Manufacturer's Tag information.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building Name changed from KINDERGARTEN E BUILDING to CLASSROOMS E.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082.NS	NEW	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 01-05, KA & KB BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 This Structure was Renovated and had a full interior gut including Classrooms and Restrooms (except Suspended Ceiling Tiles and Plaster Walls and Ceilings) during Summer of 2001 per information received from the SCUSD.

CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET

SUSPENDED CEILING TILE

6,900 SF

05/05/2015 2'x4' Suspended Ceiling Tile. This Material is in GOOD condition as of this date. Sample 93436-4 is a Historical Sample result received from the SCUSD.

11/03/2015 Location Description changed and Damage observed.. Location description changed from 'CLASSROOMS 1-5 EXCEPT STAGE' to 'CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET'. Classroom 3 has 1 Tile broken and Classrooms 5 and B each have 1 Tile Water stained. <5% Physical Damage and <10% Water Damage. Material condition changed from GOOD to FAIR overall. Friability changed from Moderate to High. No other changes as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 Repairs Observed. Damages repaired as of this date. Material Condition changed from FAIR to GOOD. Friability changed from High to Moderate. No other changes as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
39436-4 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING

PLASTER WALL

1,400 SF

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93436-2 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	Damage observed. Damage: <5% Physical Damage - in the form of exposed Wall edges where Ceiling has been Removed and Replaced with Gypsum Board in the Storage Room between KA and KB. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Additional Damage Observed. 12 LF Cracks in the Wall located in Men's Restroom. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

93436-2 Historical	ND	NONE DETECTED	(ND)
15-082AAA	ASSUMED	NO SAMPLE	(NS)

CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

1,400 SF

05/05/2015	Skim Coat for Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	Damage observed. Damage: <5% Physical Damage - in the form of exposed Wall edges where Ceiling has been Removed and Replaced with Gypsum Board in the Storage Room between KA and KB. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	Additional Damage Observed. 12 LF Cracks in the Wall located in Men's Restroom. No other changes as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR DOOR

FIRE DOOR CORE INSULATION

226 SF

11/03/2015	Fire Door Core Insulation. (16 EA Doors). This Material is in GOOD condition as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING

4,000 SF

05/05/2015 Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date. Sample 93436-5 is a Historical Sample result received from the SCUSD.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 Damage Observed. <5% Physical Damage - in the form of 10 LF of cracks. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.

05/02/2017 Additional Damage observed. Approximately 15 LF of cracks and 2 small holes by Rooms 4 and 5. No other changes as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 Additional Damage Observed. <5% Physical Damage in the form of 1 SF of Missing Stucco on Wall and Ceiling by Classroom 3. Material remains in FAIR condition overall. No other changes as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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93436-5 Historical	ND	NONE DETECTED	(ND)
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING SURFACING

4,000 SF

05/05/2015 Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 10 LF of cracks. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/02/2017	Additional Damage observed. Approximately 15 LF of cracks and 2 small holes by Rooms 4 and 5. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	Additional Damage Observed. <5% Physical Damage in the form of 1 SF of Missing Stucco on Wall and Ceiling by Classroom 3. Material remains in FAIR condition overall. No other changes as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

650 LF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. 3 SF of Damage observed. This Material is in FAIR condition as of this date.		
11/03/2015	Additional Damage observed, 3 LF of Window Putty is missing. No other changes as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

05/05/2015	BUILDING NOTE:
05/05/2015	This Structure was Renovated and had a full interior gut including Classrooms and Restrooms (except the Plaster Walls and Ceilings) during Summer of 2001 per information received from SCUSD.
11/01/2018	Building Name changed from CLASSROOMS 06-010 BUILDING to CLASSROOMS 06-07 (LIBRARY) AND 8-10 BUILDING.

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM

PLASTER WALL

2,950 SF

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93437-2 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
39437-2 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM

PLASTER WALL SURFACING 2,950 SF

05/05/2015	Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015 Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

357 SF

05/05/2015 Fire Door Core Insulation. (17 EA Doors). This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

3,500 SF

05/05/2015	Stucco on Exterior Walls and Overhangs. Material is damaged in 3 places. This Material is in FAIR condition as of this date.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF cracks on west wall. Skim coat peeling and cracking. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

3,500 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. Material is damaged in 3 places. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF cracks on west wall. Skim coat peeling and cracking. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

500 LF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. Some of the Material is Broken. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	Additional Damage Observed. <5% Physical Damage in the form of 2 SF of Missing and Cracked Window Putty on Girls Restroom Windows. Material remains in FAIR condition overall. No other changes as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 11-15 BUILDING

CLASSROOMS 11-15 BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 This Structure was Renovated and had a full interior gut including Classrooms and Restrooms (except the Plaster Walls and Ceilings and Gypsum Wallboard System Walls and Ceilings) during Summer of 2001 per information received from SCUSD.

CLASSROOMS 11-15 BUILDING

CLASSROOMS

SMOOTH WALL MISCELLANEOUS 3,900 SF

05/05/2015 Gypsum Wallboard System Walls and Ceilings. This Material is in GOOD condition as of this date. Samples 93438-2 and 93438-3 are Historical Sample results received from the SCUSD.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93438-2 (Tape and J.C.) Historical	ND	NONE DETECTED	(ND)
93438-3 (Gypsum Board) Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME				
LOCATION				
MATERIAL TYPE				QTY (APPROXIMATE)
COMMENTS				

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 11-15 BUILDING

CLASSROOMS 11-15

SMOOTH WALL SURFACING

3,900 SF

11/03/2015	Skim Coat for Gypsum Wallboard System Walls and Ceilings. This Material is in GOOD condition as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015 Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

273 SF

05/05/2015 Fire Door Core Insulation. (13 EA Doors). This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	Damage Observed. <5% Physical Damage - in the form of 1 I Crack on Door in Classroom 13. Material condition changed from GOOD to FAIR overall. No other changes as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,500 SF

05/05/2015	Stucco on Exterior Walls and Overhangs. 9 SF of Wall Damage. This Material is in FAIR condition as of this date Sample 93438-7 is a Historical Sample result received from the SCUSD.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Additional Damage observed. West Wall has 100 LF of cracks and peeling Skim Coat in various locations. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93438-7 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME				
LOCATION				
MATERIAL TYPE				QTY (APPROXIMATE)
COMMENTS				

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

3,500 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. 9 SF of Wall Damage. This Material is in FAIR condition as of this date
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Additional Damage observed. West Wall has 100 LF of cracks and peeling Skim Coat in various locations. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

500 LF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. 10 LF of Caulking is Missing. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	Additional Damage Observed. 2 LF of Damaged Window Putty in Boys Restroom. No other changes as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 11-15 BUILDING

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL

3,000 SF

05/05/2015	Plaster Walls and Ceilings. In the Supply Room possibly behind the the Cabinet. This Material is in GOOD condition as of this date.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
39438-4 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 11-15 BUILDING

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL SURFACING

3,000 SF

05/05/2015	Skim Coat for Plaster Walls and Ceilings. In the Supply Room possibly behind the the Cabinet. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 16-20 BUILDING

CLASSROOMS 16-20 BUILDING

11/03/2015 BUILDING NOTE:

11/03/2015 This Structure was Renovated and had a full interior gut including Classrooms and Restrooms (except the Plaster Walls and Ceilings) during Summer of 2001 per information received from SCUSD.

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL

1,400 SF

05/05/2015 Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93439-6 is a Historical Sample result received from the SCUSD.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93439-6 Historical	ND	NONE DETECTED	(ND)

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL SURFACING

1,400 SF

05/05/2015 Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 16-20 BUILDING

CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS

WIINDOW PUTTY/COMPOUND

500 SF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. 5 LF is Missing and Several Cracks observed. <5% Physical Damage. This Material is in FAIR condition as of this date.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

SF=Sq. Ft, I=Inches, LF=Linear Ft., N=Number, EA=Each

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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
15-082AAA	ASSUMED	NO SAMPLE	(NS)

CLASSROOMS 16-20 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 16-20 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 16-20 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

252 SF

05/05/2015 Fire Door Core Insulation. (12 EA Doors). This Material is in GOOD condition as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

3,000 SF

05/05/2015 Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.

11/03/2015 Damage observed. <5% Physical Damage - 5 SF of Wall Damage by Classrooms 16, 18, and 20. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.

05/13/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/03/2016	Additional Damage Observed. 2 LF broken stucco, 50 LF cracking/peeling on the west wall. No other changes as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

3,000 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.		
11/03/2015	Damage observed. <5% Physical Damage - 5 SF of Wall Damage by Classrooms 16, 18, and 20. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Additional Damage Observed. 2 LF broken stucco, 50 LF cracking/peeling on the west wall. No other changes as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
15-082AAA	ASSUMED	NO SAMPLE	(NS)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24 BUILDING

CLASSROOM 21

VINYL SHEETING

900 SF

11/01/2018 Grey Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

18-163AAA	NEW	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOM 21

VINYL SHEETING BACKING PAPER/MASTIC

900 SF

11/01/2018 Mastic/Adhesive for Grey Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

18-163AAA	NEW	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

BASEBOARD MASTIC

1,180 LF

05/05/2015 Mastic/Adhesive for 4" Multicolored Baseboard, Dark Brown in Classroom 21 and Blue in Classrooms 22-24. This Material is in GOOD condition as of this date. Sample 93440-1 is a Historical Sample result received from the SCUSD. (Original entry updated 11/03/15)

11/03/2015 Material Description changed. Material is Dark Brown in Classroom 21 and Blue in Classrooms 22-24. Material description changed from 'Mastic/Adhesive for 4" Baseboard' to 'Mastic/Adhesive for 4" Multicolored Baseboard, Dark Brown in Classroom 21 and Blue in Classrooms 22-24'. Original entry updated. No other changes as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	Damages Observed. <5% Physical Damage in the form of 4 LF of Missing Baseboard with White Mastic Exposed. Material condition changed from GOOD to FAIR overall. Friability updated from Non-Friable to Friable. No other changes as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)
93440-1 Historical	<1	TREMOLITE	(TR)

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING MASTIC

3,600 SF

05/05/2015	Mastic/Adhesive for 2'x2' Ceiling Tile. Classroom 21 has 15 Ceiling Tiles with <10% Water Damage. Classroom 21 has 4 Ceiling Tiles Loose. <5% Damage. This Material is in FAIR condition as of this date. Sample 93440-5 is a Historical Sample result received from the SCUSD.
11/03/2015	Damage observed. Classroom 21 now has a total of 18 Tiles Water Damaged. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Material Re-assessed. 6 Loose Tiles have been Repaired in Classroom 22. Water Damage has been Repaired in Classroom 21. No other changes as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
93440-5 Historical	ND	NONE DETECTED	(ND)
15-082AAA	ASSUMED	NO SAMPLE	(NS)

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING TILE

3,600 SF

- 05/05/2015 2'x2' Ceiling Tile. Classroom 21 has 15 Ceiling Tiles with <10% Water Damage. Classroom 21 has 4 Ceiling Tiles Loose. <5% Damage. This Material is in FAIR condition as of this date. Sample 93440-4 is a Historical Sample result received from the SCUSD.
- 11/03/2015 Additional Damage observed. Classroom 21 now has a total of 18 Tiles Water Damaged. No other changes as of this date.
- 05/13/2016 This Material is unchanged as of this date.
- 11/03/2016 This Material is unchanged as of this date.
- 05/02/2017 This Material is unchanged as of this date.
- 11/08/2017 This Material is unchanged as of this date.
- 05/10/2018 This Material is unchanged as of this date.
- 11/01/2018 Material Re-assessed. 6 Loose Tiles have been Repaired in Classroom 22. Water Damage has been Repaired in Classroom 21. No other changes as of this date.
- 05/01/2019 This Material is unchanged as of this date.
- 11/13/2019 This Material is unchanged as of this date.
- 06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93440-4 Historical	ND	NONE DETECTED	(ND)

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

DUCT WRAP TAPE

20 LF

- 05/05/2015 White Duct Wrap Tape on Exposed Ducting. This Material is in GOOD condition as of this date.
- 11/03/2015 This Material is unchanged as of this date.
- 05/13/2016 This Material is unchanged as of this date.
- 11/03/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

SMOOTH WALL MISCELLANEOUS

4,800 SF

05/05/2015	Gypsum Wallboard System Walls and Ceilings. This Material is in GOOD condition as of this date. Samples 93440-2 and 93440-3 are Historical Sample results received from the SCUSD.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	Additional Damage Observed. 1 SF Damage in Wall in Classroom 22. No other changes as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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93440-2 (Tape and JC) Historical	<1	CHRYSOTILE	(CH)
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93440-3 (Gypsum Board) Historical	ND	NONE DETECTED	(ND)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

SMOOTH WALL SURFACING

4,800 SF

05/05/2015	Skim Coat for Gypsum Wallboard System Walls and Ceilings. This Material is in GOOD condition as of this date.	
11/03/2015	This Material is unchanged as of this date.	
05/13/2016	This Material is unchanged as of this date.	
11/03/2016	This Material is unchanged as of this date.	
05/02/2017	This Material is unchanged as of this date.	
11/08/2017	This Material is unchanged as of this date.	
05/10/2018	This Material is unchanged as of this date.	
11/01/2018	This Material is unchanged as of this date.	
05/01/2019	This Material is unchanged as of this date.	
11/13/2019	This Material is unchanged as of this date.	
06/10/2020	Additional Damage Observed. 1 SF Damage in Wall in Classroom 22. No other changes as of this date.	

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE

3,600 SF

05/05/2015	9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile. Classroom 24 has 15 Broken Tiles with exposed Mastic. This Material is in FAIR condition as of this date. (Original entry updated 11/03/15.)	
11/03/2015	Material Description changed. Material is 9"x9" and Brown, and in Classrooms 22-24 Material is under Carpet or 12"x12" Vinyl Floor Tile. Material description changed from '12"x12" Vinyl Floor Tile' to '9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile'. Original entry updated. Classroom 24 now has a total of 18 Tiles broken. No other changes as of this date.	
05/13/2016	Additional Damage observed. Classroom 21 now has 80 Tiles with Damage and Missing pieces exposing Black Mastic/Adhesive; approximately 2 SF of Damage. No other changes as of this date.	
11/03/2016	This Material is unchanged as of this date.	

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
05/02/2017	Damages Re-Assessed. Room 21 now has 8 SF of exposed Mastic/Adhesive. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Material Re-assessed. Water Damage has been Repaired in Classroom 21, Floor now covered with Grey Vinyl. No other changes as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE MASTIC

3,600 SF

05/05/2015	Mastic/Adhesive for 9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile. Classroom 24 has 15 Broken Tiles with exposed Mastic. This Material is in FAIR condition as of this date.		
11/03/2015	Material reassessed. Material is 9"x9" and Brown, and in Classrooms 22-24 Material is under Carpet or 12"x12" Vinyl Floor Tile. Material description changed from 'Mastic/Adhesive for 12"x12" Vinyl Floor Tile' to 'Mastic/Adhesive for 9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile'. Original entry updated. Classroom 24 now has a total of 18 Tiles broken. No other change as of this date.		
05/13/2016	Additional Damage observed. Classroom 21 now has 80 Tiles with Damage and Missing pieces exposing Black Mastic/Adhesive; approximately 2 SF of Damage. No other changes as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damages Re-Assessed. Room 21 now has 8 SF of exposed Mastic/Adhesive. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Material Re-assessed. Water Damage has been Repaired in Classroom 21, Floor now covered with Grey Vinyl. No other changes as of this date.		
05/01/2019	This Material is unchanged as of this date.		

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

CARPET MASTIC 950 SF

05/05/2015 Mastic/Adhesive for Gray Carpet. This Material is in GOOD condition as of this date. (Original entry updated 11/03/15.)

11/03/2015 Material Description changed. Material is Gray. Material description changed from 'Mastic/Adhesive for Carpet' to 'Mastic/Adhesive for Gray Carpet'. Original entry updated. Location description changed from 'CLASSROOMS 22 & 23' to 'CLASSROOMS 22-24'. Quantity changed from 650 SF to 950 SF. Material is over 9"x9" Vinyl Floor Tile. No other changes as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE 1,560 SF

05/05/2015 12"x12" Light Blue Vinyl Floor Tile. This Material is in GOOD condition as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2015	Location Description changed. Location description changed from 'CLASSROOMS 22 & 23' to 'CLASSROOMS 22-24'. Quantity changed from 3,200 SF to 1,560 SF. Material is over 9"x9" Vinyl Floor Tile. Classroom 23 has 3 Tiles with holes. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Additional Damage Observed. <5% Physical Damage - in the form of 9 holes now in Classroom 23 an 1 cracked Tile. No other changes as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE MASTIC

1,560 SF

05/05/2015	Mastic/Adhesive for 12"x12" Light Blue Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015	Location Description changed. Location description changed from 'CLASSROOMS 22 & 23' to 'CLASSROOMS 22-24'. Quantity changed from 3,200 SF to 1,560 SF. Material is over 9"x9" Vinyl Floor Tile. Classroom 23 has 3 Tiles with holes. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Additional Damage Observed. <5% Physical Damage - in the form of 9 holes now in Classroom 23 an 1 cracked Tile. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

COMMENTS

QTY (APPROXIMATE)

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

168 SF

05/05/2015	Fire Door Core Insulation. (8 EA Doors). This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL

2,500 SF

05/05/2015	Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damage observed. Damage: <5% Physical Damage - in the form of minor surface cracking and peeling at various locations around the Building. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL SURFACING

2,500 SF

11/03/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damage observed. Damage: <5% Physical Damage - in the form of minor surface cracking and peeling at various locations around the Building. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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SF= Sq. Ft, I=Inches, LF=Linear Ft., N=Number, EA=Each

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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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15-101AAA	ASSUMED	NO SAMPLE	(NS)
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CLASSROOMS 21-24 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 400 SF

05/05/2015	Putty/Sealant on Exterior Windows. Putty is cracked in some locations. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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CLASSROOMS F & G PORTABLES BUILDING

CLASSROOMS F & G PORTABLES BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 Manufacturer's Tag Info:
 Classroom F - By: Cal American, Date 7/97, Serial # 580 and 581
 Classroom G - By: Cal American, Date 7/97, Serial # 592 and 593
 Per information received from the SCUSD,
 Tags for Classrooms F & G are painted over.

CLASSROOMS F & G PORTABLES BUILDING

CLASSROOMS F & G

PORTABLE BUILDING

1,920 SF

05/05/2015 New 1997 Construction Relocatable Buildings per Manufacturer's Tag information.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082.NS	NEW	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME				
LOCATION				
MATERIAL TYPE				QTY (APPROXIMATE)
COMMENTS				

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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DAYCARE (A & B) PORTABLES BUILDING

DAYCARE (A & B) PORTABLES BUILDING

CLASSROOM B RESTROOM

VINYL SHEETING

60 SF

11/03/2015	Beige Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

CLASSROOM B RESTROOM

VINYL SHEETING BACKING PAPER/MASTIC

60 SF

11/03/2015	Backing Paper/Adhesive for Beige Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME				
LOCATION				
MATERIAL TYPE				QTY (APPROXIMATE)
COMMENTS				

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED WOOD WALL PANEL MASTIC 4,600 SF

05/05/2015 Mastic/Adhesive for PRESSED-Wood Wall Panel (with Vinyl Wall Cover). This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED-WOOD WALL PANEL 4,600 SF

05/05/2015 PRESSED-Wood Wall Panel (with Vinyl Wall Cover). This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Low to Moderate. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER

4,600 SF

05/05/2015	Vinyl Wall Cover (on Pressed-Wood Wall Panel). Samples 93441-3 and 93441-4 are Historical Sample results received from the SCUSD. This Material is in GOOD condition as of this date.		
11/03/2015	This Material is unchanged as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
93441-3 Historical	ND	NONE DETECTED	(ND)
93441-4 Historical	ND	NONE DETECTED	(ND)
15-082AAA	ASSUMED	NO SAMPLE	(NS)

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER MASTIC

4,600 SF

- 05/05/2015 Mastic/Adhesive for Vinyl Wall Cover (on Pressed-Wood Wall Panel). This Material is in GOOD condition as of this date.
- 11/03/2015 This Material is unchanged as of this date.
- 05/13/2016 This Material is unchanged as of this date.
- 11/03/2016 This Material is unchanged as of this date.
- 05/02/2017 Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
- 11/08/2017 This Material is unchanged as of this date.
- 05/10/2018 This Material is unchanged as of this date.
- 11/01/2018 Building inaccessible on this date.
- 05/01/2019 This Material is unchanged as of this date.
- 11/13/2019 This Material is unchanged as of this date.
- 06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

BASEBOARD MASTIC

100 LF

- 05/05/2015 Mastic/Adhesive for 4" Brown Baseboard. This Material is in GOOD condition as of this date. Sample 93441-1 is a Historical Sample result received from the SCUSD.
- 11/03/2015 Location Description Re-Assessed, location description changed from 'CHILD CARE BUILDING' to 'ENTIRE BUILDING (EXCEPT RESTROOMS)'. No other changes as of this date.
- 05/13/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)
93441-1 Historical	ND	NONE DETECTED	(ND)

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

SUSPENDED CEILING TILE

2,950 SF

05/05/2015	2'x4' Suspended Ceiling Tile. Room A has 2 Suspended Ceiling Tiles Broken. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 93441-5 is a Historical Sample result received from the SCUSD.
11/03/2015	Location Description Re-Assessed, location description changed from 'CHILD CARE BUILDING' to 'ENTIRE BUILDING (EXCEPT RESTROOMS)'. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Partial Repairs and Additional Damage observed. Broken Tiles noted on 05/05/15 have been replaced. <10% Water Damage - Room A has 1 Tile with Water Damage. Room B has 3 Tiles with Physical Damage. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93441-5 Historical	ND	NONE DETECTED	(ND)

DAYCARE (A & B) PORTABLES BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 84 SF

05/05/2015 Fire Door Core Insulation. (4 EA Doors). This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

EXTERIOR WALLS

SPRAY-ON WALL TEXTURE 2,500 SF

05/05/2015 Spray-On Wall Texture. 5 SF is Peeling. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 93441-6 is a Historical Sample result received from the SCUSD.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93441-6 Historical	ND	NONE DETECTED	(ND)

DAYCARE (A & B) PORTABLES BUILDING

INTERIOR DOOR

FIRE DOOR CORE INSULATION

210 SF

11/03/2015	Fire Door Core Insulation. (10 EA Doors). This Material is in GOOD condition as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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DAYCARE (A & B) PORTABLES BUILDING

RESTROOM A

VINYL SHEETING

60 SF

05/05/2015	Gray Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.
11/03/2015	Location Description changed. Location description changed from 'RESTROOMS' to 'RESTROOM A'. Quantity changed from 120 SF to 60 SF. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

RESTROOM A

VINYL SHEETING BACKING PAPER/MASTIC

60 SF

05/05/2015	Backing Paper/Adhesive for Gray Vinyl Floor Sheeting. This Material is in GOOD condition as of this date.
11/03/2015	Location Description changed. Location description changed from 'RESTROOMS' to 'RESTROOM A'. Quantity changed from 120 SF to 60 SF. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/01/2018		Building inaccessible on this date.	
05/01/2019		This Material is unchanged as of this date.	
11/13/2019		This Material is unchanged as of this date.	
06/10/2020		This Material is unchanged as of this date.	

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE

184 SF

05/05/2015		12"x12" Cream Vinyl Floor Tile. This Material is in GOOD condition as of this date.	
11/03/2015		This Material is unchanged as of this date.	
05/13/2016		This Material is unchanged as of this date.	
11/03/2016		This Material is unchanged as of this date.	
05/02/2017		Damage observed. Damage: <5% Physical Damage - in the form of 10 cracked Tiles. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.	
11/08/2017		This Material is unchanged as of this date.	
05/10/2018		This Material is unchanged as of this date.	
11/01/2018		Building inaccessible on this date.	
05/01/2019		This Material is unchanged as of this date.	
11/13/2019		This Material is unchanged as of this date.	
06/10/2020		This Material is unchanged as of this date.	

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE MASTIC

184 SF

05/05/2015		12"x12" Cream Vinyl Floor Tile. This Material is in GOOD condition as of this date.	
11/03/2015		This Material is unchanged as of this date.	

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	Damage observed. Damage: <5% Physical Damage - in the form of 10 cracked Tiles. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE

1,020 SF

11/03/2015	12"x12" Off-white with Brown and Blue Dots Vinyl Floor Tile. Room A has 2 Tiles cracked. This Material is above 12"x12" Light Gray Vinyl Floor Tile. This Material is in FAIR condition as of this date.		
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	Additoinal Damage Observed. Classroom A now has 5 cracked Tiles. No other changes as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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SF= Sq. Ft, I=Inches, LF=Linear Ft., N=Number, EA=Each

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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE MASTIC

1,020 SF

11/03/2015	Mastic/Adhesive for 12"x12" Off-white with Brown and Blue Dots Vinyl Floor Tile. Room A has 2 Tiles cracked. This Material is above 12"x12" Light Gray Vinyl Floor Tile. This Material is in FAIR condition as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Additoinal Damage Observed. Classroom A now has 5 cracked Tiles. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, AND OFFICES

CARPET MASTIC

1,800 SF

05/05/2015	Mastic/Adhesive for Brown Carpet. This Material is in GOOD condition as of this date.
11/03/2015	Material reassessed. Material is over 12"x12" Vinyl Floor Tile. Location description changed from 'ENTIRE BUILDING' to 'ROOMS A, B, AND OFFICES'. No other change as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 3 SF carpet worn through. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE

2,950 SF

05/05/2015 **12"x12" Light Gray Vinyl Floor Tile, (under Carpet and 12"x12" Vinyl Floor Tile). This Material is in GOOD condition as of this date. (Original entry updated 11/03/15.)**

11/03/2015 Material reassessed. Location description changed from 'CHILD CARE BUILDING' to 'ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM'. Material is under carpet and 12"x12" Vinyl Floor Tile. Material description changed from '12"x12" Light Gray Vinyl Floor Tile' to '12"x12" Light Gray Vinyl Floor Tile, (under Carpet and 12"x12" Vinyl Floor Tile)'. Original entry updated. No other change as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE MASTIC 2,950 SF

05/05/2015	Mastic/Adhesive for 12"x12" Light Gray Vinyl Floor Tile, (under Carpet and 12"x12" Vinyl Floor Tile). This Material is in GOOD condition as of this date. (Original entry updated 11/03/15)
11/03/2015	Material reassessed. Location description changed from 'CHILD CARE BUILDING' to 'ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM'. Material is under carpet and 12"x12" Vinyl Floor Tile. Material description changed from 'Mastic/Adhesive for 12"x12" Light Gray Vinyl Floor Tile' to 'Mastic/Adhesive for 12"x12" Light Gray Vinyl Floor Tile, (under Carpet and 12"x12" Vinyl Floor Tile)'. Original entry updated. No other change as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

TEACHER'S RESTROOM

VINYL FLOOR TILE 60 SF

05/05/2015	12"x12" Beige Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/08/2017 This Material is unchanged as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 Building inaccessible on this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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DAYCARE (A & B) PORTABLES BUILDING

TEACHER'S RESTROOM

VINYL FLOOR TILE MASTIC

60 SF

05/05/2015 Mastic/Adhesive for 12"x12" Beige Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.
05/02/2017 This Material is unchanged as of this date.
11/08/2017 This Material is unchanged as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 Building inaccessible on this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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DAYCARE OFFICE PORTABLE BUILDING

DAYCARE OFFICE PORTABLE BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 Manufacturer's Tag Info:
Daycare - By: Doupnik, Date 11/90, Serial # NFG 11-90-31-1-462, OSA # 54754
Tag is Painted.

DAYCARE OFFICE PORTABLE BUILDING

DAYCARE OFFICE

PORTABLE BUILDING

960 SF

05/05/2015 New 1990 Construction Relocatable Building per Manufacturer's Tag information.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082.NS	NEW	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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MAIN COVERED WALKWAY

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL

10,000 SF

05/05/2015	Stucco on Exterior Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93441-7 is a Historical Sample result received from the SCUSD.
11/03/2015	Damages observed. Walkway between Classrooms 1-5 and 6-10 has 1 SF of Physical Damage. Walkway between Classrooms 6-10 and 11-15 has 1 SF Physical Damage. <5% Physical Damage. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Additional Damage Observed. Walkway between Classrooms 1-5 and 6-10 has 12 SF of Cracking and Peeling. Walking between Classrooms 6-10 and 11-15 has 15 SF of Physical Damage and Water Damage in the form of Craking and Peeling material. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93441-7 Historical	ND	NONE DETECTED	(ND)

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL SURFACING

10,000 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	Damages observed. Walkway between Classrooms 1-5 and 6-10 has 1 SF of Physical Damage. Walkway between Classrooms 6-10 and 11-15 has 1 SF Physical Damage. <5% Physical Damage. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
05/13/2016	This Material is unchanged as of this date.		
11/03/2016	This Material is unchanged as of this date.		
05/02/2017	This Material is unchanged as of this date.		
11/08/2017	Additional Damage Observed. Walkway between Classrooms 1-5 and 6-10 has 12 SF of Cracking and Peeling. Walking between Classrooms 6-10 and 11-15 has 15 SF of Physical Damage and Water Damage in the form of Craking and Peeling material. No other changes as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		
15-082AAA	ASSUMED	NO SAMPLE	(NS)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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METAL STORAGE CONTAINERS

METAL STORAGE CONTAINERS

05/05/2015	BUILDING NOTE:
05/05/2015	Metal Storage Containers. (7 EA Containers). 1,120 SF Total.
11/01/2018	Metal Storage Containers. (10 EA Containers). 1,600 SF. 5 EA 8x20 by Classroom 21 with Door. 1 EA 8x20 by Children Center Office. 3 EA 8x20 behind Children Center Building. 1 EA 8x20 by Multi-purpose Room and Cafeteria Buildng.

METAL STORAGE CONTAINERS

METAL STORAGE CONTAINERS WITH DOORS

FIRE DOOR CORE INSULATION 42 SF

05/05/2015	Fire Door Core Insulation. (2 EA Doors). This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE				QTY (APPROXIMATE)	
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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MULTI-PURPOSE AND CAFETERIA BUILDING

MULTI-PURPOSE AND CAFETERIA BUILDING

05/05/2015 BUILDING NOTE:

05/05/2015 This Structure was Renovated and had a full interior gut including the Multipurpose Room, Kitchen and Restrooms (except the Plaster Walls and Ceilings) during Summer of 2002 per information received from SCUSD.

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL

4,000 SF

05/05/2015 Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93434-3 is a Historical Sample result received from the SCUSD.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 Damage Observed. <5% Physical Damage - in the form of 10 LF of Cracks in the Wall of the Mechanical Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
93434-3 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME				
LOCATION				
MATERIAL TYPE				QTY (APPROXIMATE)
COMMENTS				

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING 4,000 SF

05/05/2015	Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Damage Observed. <5% Physical Damage - in the form of 10 LF of Cracks in the Wall of the Mechanical Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

11/03/2015	Thermal System Insulation on Pipe Fittings in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME					
LOCATION					
MATERIAL TYPE					QTY (APPROXIMATE)
COMMENTS					

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191.NS	ASSUMED	NO SAMPLE	(NS)
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MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

TBD

11/03/2015	Thermal System Insulation on Pipe Runs in Inaccessible locations (i.e, inside Attics, Plenums, Crawl Spaces, Wall Cavities, etc). Material condition is TBD as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-191AAA	ASSUMED	NO SAMPLE	(NS)
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MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

168 SF

05/05/2015	Fire Door Core Insulation. (8 EA Doors). This Material is in GOOD condition as of this date.
11/03/2015	Quantity Re-Assessed, quantity changed from 175 SF to 168 SF. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
11/03/2016		This Material is unchanged as of this date.	
05/02/2017		This Material is unchanged as of this date.	
11/08/2017		Additional Damage Observed. Scattered Damage Scrapes and Peeling Skim Coat. No other changes as of this date.	
05/10/2018		This Material is unchanged as of this date.	
11/01/2018		This Material is unchanged as of this date.	
05/01/2019		This Material is unchanged as of this date.	
11/13/2019		This Material is unchanged as of this date.	
06/10/2020		This Material is unchanged as of this date.	
15-082AAA	ASSUMED	NO SAMPLE	(NS)

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

6,000 SF

05/05/2015	Stucco on Exterior Walls and Overhangs. 20 SF of Damage at the Water Heater. 5 SF of Damage outside the Kitchen. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF hairline cracks on East Wall. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Additional Damage Observed. Scattered Damage Scrapes and Peeling Skim Coat. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
15-082AAA	ASSUMED	NO SAMPLE	(NS)

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

6,000 SF

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. 20 SF of Damage at the Water Heater. 5 SF of Damage outside the Kitchen. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF hairline cracks on East Wall. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
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MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

300 LF

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. Storage area has 16 LF of Missing Window Caulking, and some is Loose. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 104839-3 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.

SF= Sq. Ft, l=Inches, LF=Linear Ft., N=Number, EA=Each

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SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE NO.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082AAA	ASSUMED	NO SAMPLE	(NS)
104839-3 Historical	ND	NONE DETECTED	(ND)

SURVEY REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

QTY (APPROXIMATE)

COMMENTS

SAMPLE No.	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS CODE
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WOOD SHED

WOOD SHED

05/05/2015 BUILDING NOTE:

05/05/2015 Wood Storage Shed.

WOOD SHED

WOOD STORAGE BUILDING

STORAGE BUILDING

80 SF

05/05/2015 Apparent New Wood Construction Structure identified by the AHERA Accredited Inspector. This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 This Material is unchanged as of this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

15-082.NS	NEW	NO SAMPLE	(NS)
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End Of Report, Total Of 70 Pages

HOMOGENEOUS MATERIALS IN BRACHER ELEMENTARY SCHOOL

BUILDING NAME	MATERIAL CATEGORY	LOCATION	MATERIAL TYPE
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ADMINISTRATION BUILDING

MISCELLANEOUS MATERIAL		
EXTERIOR DOORS		FIRE DOOR CORE INSULATION
EXTERIOR WINDOWS		WIINDOW PUTTY/COMPOUND
SURFACING MATERIAL		
ENTIRE BUILDING		PLASTER WALL
ENTIRE BUILDING		PLASTER WALL SURFACING
EXTERIOR WALLS AND OVERHANGS		ROUGH WALL
EXTERIOR WALLS AND OVERHANGS		ROUGH WALL SURFACING
THERMAL SYSTEM INSULATION		
ENTIRE BUILDING - CONCEALED LOCATIONS		PIPE FITTING INSULATION
ENTIRE BUILDING - CONCEALED LOCATIONS		PIPE RUN INSULATION

CLASSROOM E PORTABLE BUILDING

MISCELLANEOUS MATERIAL		
CLASSROOM E		PORTABLE BUILDING

CLASSROOMS 01-05, KA & KB BUILDING

MISCELLANEOUS MATERIAL		
CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET		SUSPENDED CEILING TILE
EXTERIOR DOOR		FIRE DOOR CORE INSULATION
EXTERIOR WINDOWS		WIINDOW PUTTY/COMPOUND
SURFACING MATERIAL		
ENTIRE BUILDING		PLASTER WALL
ENTIRE BUILDING		PLASTER WALL SURFACING
EXTERIOR WALLS AND OVERHANGS		ROUGH CEILING
EXTERIOR WALLS AND OVERHANGS		ROUGH CEILING SURFACING
THERMAL SYSTEM INSULATION		
ENTIRE BUILDING - CONCEALED LOCATIONS		PIPE FITTING INSULATION
ENTIRE BUILDING - CONCEALED LOCATIONS		PIPE RUN INSULATION

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

MISCELLANEOUS MATERIAL		
EXTERIOR DOORS		FIRE DOOR CORE INSULATION
EXTERIOR WINDOWS		WIINDOW PUTTY/COMPOUND
SURFACING MATERIAL		
COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM		PLASTER WALL
COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM		PLASTER WALL SURFACING
EXTERIOR WALLS AND OVERHANGS		ROUGH WALL

HOMOGENEOUS MATERIALS IN BRACHER ELEMENTARY SCHOOL

BUILDING NAME

MATERIAL CATEGORY

LOCATION

MATERIAL TYPE

EXTERIOR WALLS AND OVERHANGS	ROUGH WALL SURFACING
THERMAL SYSTEM INSULATION	
ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE FITTING INSULATION
ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE RUN INSULATION

CLASSROOMS 11-15 BUILDING

MISCELLANEOUS MATERIAL

CLASSROOMS

SMOOTH WALL
MISCELLANEOUS

EXTERIOR DOORS
EXTERIOR WINDOWS

FIRE DOOR CORE INSULATION
WIINDOW PUTTY/COMPOUND

SURFACING MATERIAL

CLASSROOMS 11-15
EXTERIOR WALLS AND OVERHANGS
EXTERIOR WALLS AND OVERHANGS
RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET
RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

SMOOTH WALL SURFACING
ROUGH WALL
ROUGH WALL SURFACING
PLASTER WALL
PLASTER WALL SURFACING

THERMAL SYSTEM INSULATION

ENTIRE BUILDING - CONCEALED LOCATIONS
ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION
PIPE RUN INSULATION

CLASSROOMS 16-20 BUILDING

MISCELLANEOUS MATERIAL

CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS
EXTERIOR DOORS

WIINDOW PUTTY/COMPOUND
FIRE DOOR CORE INSULATION

SURFACING MATERIAL

BOYS' AND GIRLS' RESTROOMS
BOYS' AND GIRLS' RESTROOMS
EXTERIOR WALLS AND OVERHANGS
EXTERIOR WALLS AND OVERHANGS

PLASTER WALL
PLASTER WALL SURFACING
ROUGH WALL
ROUGH WALL SURFACING

THERMAL SYSTEM INSULATION

ENTIRE BUILDING - CONCEALED LOCATIONS
ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION
PIPE RUN INSULATION

CLASSROOMS 21-24 BUILDING

MISCELLANEOUS MATERIAL

CLASSROOM 21
CLASSROOM 21

VINYL SHEETING
VINYL SHEETING BACKING
PAPER/MASTIC

CLASSROOMS 21-24
CLASSROOMS 21-24
CLASSROOMS 21-24
CLASSROOMS 21-24

BASEBOARD MASTIC
CEILING MASTIC
CEILING TILE
SMOOTH WALL
MISCELLANEOUS
VINYL FLOOR TILE

CLASSROOMS 21-24

HOMOGENEOUS MATERIALS IN BRACHER ELEMENTARY SCHOOL

BUILDING NAME

MATERIAL CATEGORY

LOCATION

MATERIAL TYPE

CLASSROOMS 21-24	VINYL FLOOR TILE MASTIC
CLASSROOMS 22-24	CARPET MASTIC
CLASSROOMS 22-24	VINYL FLOOR TILE
CLASSROOMS 22-24	VINYL FLOOR TILE MASTIC
EXTERIOR DOORS	FIRE DOOR CORE INSULATION
EXTERIOR WINDOWS	WIINDOW PUTTY/COMPOUND
SURFACING MATERIAL	
CLASSROOMS 21-24	SMOOTH WALL SURFACING
EXTERIOR WALLS	ROUGH WALL
EXTERIOR WALLS	ROUGH WALL SURFACING
THERMAL SYSTEM INSULATION	
CLASSROOMS 21-24	DUCT WRAP TAPE

CLASSROOMS F & G PORTABLES BUILDING

MISCELLANEOUS MATERIAL

CLASSROOMS F & G

PORTABLE BUILDING

DAYCARE (A & B) PORTABLES BUILDING

MISCELLANEOUS MATERIAL

CLASSROOM B RESTROOM
CLASSROOM B RESTROOM

VINYL SHEETING
VINYL SHEETING BACKING
PAPER/MASTIC
PRESSED WOOD WALL PANEL
MASTIC
PRESSED-WOOD WALL PANEL
VINYL WALL COVER
VINYL WALL COVER MASTIC
BASEBOARD MASTIC
SUSPENDED CEILING TILE
FIRE DOOR CORE INSULATION
FIRE DOOR CORE INSULATION
VINYL SHEETING
VINYL SHEETING BACKING
PAPER/MASTIC
VINYL FLOOR TILE
VINYL FLOOR TILE MASTIC
VINYL FLOOR TILE
VINYL FLOOR TILE MASTIC
CARPET MASTIC
VINYL FLOOR TILE
VINYL FLOOR TILE MASTIC
VINYL FLOOR TILE
VINYL FLOOR TILE MASTIC

ENTIRE BUILDING

ENTIRE BUILDING

ENTIRE BUILDING

ENTIRE BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

ENTIRE BUILDING (EXCEPT RESTROOMS)

EXTERIOR DOORS

INTERIOR DOOR

RESTROOM A

RESTROOM A

ROOM B

ROOM B

ROOMS A, B AND HALLWAY

ROOMS A, B AND HALLWAY

ROOMS A, B, AND OFFICES

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

TEACHER'S RESTROOM

TEACHER'S RESTROOM

SURFACING MATERIAL

EXTERIOR WALLS

SPRAY-ON WALL TEXTURE

DAYCARE OFFICE PORTABLE BUILDING

**HOMOGENEOUS MATERIALS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

MATERIAL CATEGORY

LOCATION

MATERIAL TYPE

MISCELLANEOUS MATERIAL

DAYCARE OFFICE

PORTABLE BUILDING

MAIN COVERED WALKWAY

SURFACING MATERIAL

COVERED WALKWAY

ROUGH WALL

COVERED WALKWAY

ROUGH WALL SURFACING

METAL STORAGE CONTAINERS

MISCELLANEOUS MATERIAL

METAL STORAGE CONTAINERS WITH DOORS

FIRE DOOR CORE INSULATION

MULTI-PURPOSE AND CAFETERIA BUILDING

MISCELLANEOUS MATERIAL

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

SURFACING MATERIAL

ENTIRE BUILDING

PLASTER WALL

ENTIRE BUILDING

PLASTER WALL SURFACING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

THERMAL SYSTEM INSULATION

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

WOOD SHED

MISCELLANEOUS MATERIAL

WOOD STORAGE BUILDING

STORAGE BUILDING

End Of Report, Total Of 4 Pages

**FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	QTY (APPROXIMATE)	ASBESTOS CONTENT
ADMINISTRATION BUILDING			
	ENTIRE BUILDING		
	PLASTER WALL	6,600 SF	Assumed
	ENTIRE BUILDING		
	PLASTER WALL SURFACING	6,600 SF	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS		
	PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS		
	PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOORS		
	FIRE DOOR CORE INSULATION	105 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS		
	ROUGH WALL	3,000 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS		
	ROUGH WALL SURFACING	3,000 SF	Assumed
	EXTERIOR WINDOWS		
	WIINDOW PUTTY/COMPOUND	200 LF	Assumed
CLASSROOMS 01-05, KA & KB BUILDING			
	CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET		
	SUSPENDED CEILING TILE	6,900 SF	Assumed
	ENTIRE BUILDING		
	PLASTER WALL	1,400 SF	Assumed
	ENTIRE BUILDING		
	PLASTER WALL SURFACING	1,400 SF	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS		
	PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS		
	PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOOR		
	FIRE DOOR CORE INSULATION	226 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS		
	ROUGH CEILING	4,000 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS		
	ROUGH CEILING SURFACING	4,000 SF	Assumed

**FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	QTY (APPROXIMATE)	ASBESTOS CONTENT
	EXTERIOR WINDOWS WIINDOW PUTTY/COMPOUND	650 LF	Assumed
CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING			
	ENTIRE BUILDING - CONCEALED LOCATIONS PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOORS FIRE DOOR CORE INSULATION	357 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS ROUGH WALL	3,500 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS ROUGH WALL SURFACING	3,500 SF	Assumed
	EXTERIOR WINDOWS WIINDOW PUTTY/COMPOUND	500 LF	Assumed
CLASSROOMS 11-15 BUILDING			
	CLASSROOMS SMOOTH WALL MISCELLANEOUS	3,900 SF	Assumed
	CLASSROOMS 11-15 SMOOTH WALL SURFACING	3,900 SF	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOORS FIRE DOOR CORE INSULATION	273 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS ROUGH WALL	3,500 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS ROUGH WALL SURFACING	3,500 SF	Assumed
	EXTERIOR WINDOWS WIINDOW PUTTY/COMPOUND	500 LF	Assumed

**FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	MATERIAL TYPE	QTY (APPROXIMATE)	ASBESTOS CONTENT
CLASSROOMS 16-20 BUILDING				
	BOYS' AND GIRLS' RESTROOMS	PLASTER WALL	1,400 SF	Assumed
	BOYS' AND GIRLS' RESTROOMS	PLASTER WALL SURFACING	1,400 SF	Assumed
	CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS	WIINDOW PUTTY/COMPOUND	500 SF	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOORS	FIRE DOOR CORE INSULATION	252 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS	ROUGH WALL	3,000 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS	ROUGH WALL SURFACING	3,000 SF	Assumed
CLASSROOMS 21-24 BUILDING				
	CLASSROOMS 21-24	BASEBOARD MASTIC	1,180 LF	Assumed
	CLASSROOMS 21-24	CEILING MASTIC	3,600 SF	Assumed
	CLASSROOMS 21-24	CEILING TILE	3,600 SF	Assumed
	CLASSROOMS 21-24	DUCT WRAP TAPE	20 LF	Assumed
	CLASSROOMS 21-24	SMOOTH WALL MISCELLANEOUS	4,800 SF	Less Than 1%
	CLASSROOMS 21-24	SMOOTH WALL SURFACING	4,800 SF	Assumed
	CLASSROOMS 21-24	VINYL FLOOR TILE	3,600 SF	Assumed
	CLASSROOMS 21-24	VINYL FLOOR TILE MASTIC	3,600 SF	Assumed

**FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	MATERIAL TYPE	QTY (APPROXIMATE)	ASBESTOS CONTENT
	CLASSROOMS 22-24	VINYL FLOOR TILE	1,560 SF	Assumed
	CLASSROOMS 22-24	VINYL FLOOR TILE MASTIC	1,560 SF	Assumed
	EXTERIOR DOORS	FIRE DOOR CORE INSULATION	168 SF	Assumed
	EXTERIOR WALLS	ROUGH WALL	2,500 SF	Assumed
	EXTERIOR WALLS	ROUGH WALL SURFACING	2,500 SF	Assumed
	EXTERIOR WINDOWS	WIINDOW PUTTY/COMPOUND	400 SF	Assumed
DAYCARE (A & B) PORTABLES BUILDING				
	CLASSROOM B RESTROOM	VINYL SHEETING BACKING PAPER/MASTIC	60 SF	Assumed
	ENTIRE BUILDING	PRESSED-WOOD WALL PANEL	4,600 SF	Assumed
	ENTIRE BUILDING	VINYL WALL COVER	4,600 SF	Assumed
	ENTIRE BUILDING	VINYL WALL COVER MASTIC	4,600 SF	Assumed
	ENTIRE BUILDING (EXCEPT RESTROOMS)	SUSPENDED CEILING TILE	2,950 SF	Assumed
	EXTERIOR DOORS	FIRE DOOR CORE INSULATION	84 SF	Assumed
	EXTERIOR WALLS	SPRAY-ON WALL TEXTURE	2,500 SF	Assumed
	INTERIOR DOOR	FIRE DOOR CORE INSULATION	210 SF	Assumed
	RESTROOM A	VINYL SHEETING BACKING PAPER/MASTIC	60 SF	Assumed
	ROOM B	VINYL FLOOR TILE	184 SF	Assumed
	ROOM B	VINYL FLOOR TILE MASTIC	184 SF	Assumed

S= Sq. Ft, I=Inches, L=Linear Ft., N=Number, EA=Each

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**FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	MATERIAL TYPE	QTY (APPROXIMATE)	ASBESTOS CONTENT
	ROOMS A, B AND HALLWAY	VINYL FLOOR TILE	1,020 SF	Assumed
	ROOMS A, B AND HALLWAY	VINYL FLOOR TILE MASTIC	1,020 SF	Assumed
	ROOMS A, B, AND OFFICES	CARPET MASTIC	1,800 SF	Assumed
MAIN COVERED WALKWAY				
	COVERED WALKWAY	ROUGH WALL	10,000 SF	Assumed
	COVERED WALKWAY	ROUGH WALL SURFACING	10,000 SF	Assumed
METAL STORAGE CONTAINERS				
	METAL STORAGE CONTAINERS WITH DOORS	FIRE DOOR CORE INSULATION	42 SF	Assumed
MULTI-PURPOSE AND CAFETERIA BUILDING				
	ENTIRE BUILDING	PLASTER WALL	4,000 SF	Assumed
	ENTIRE BUILDING	PLASTER WALL SURFACING	4,000 SF	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE FITTING INSULATION	TBD	Assumed
	ENTIRE BUILDING - CONCEALED LOCATIONS	PIPE RUN INSULATION	TBD	Assumed
	EXTERIOR DOORS	FIRE DOOR CORE INSULATION	168 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS	ROUGH WALL	6,000 SF	Assumed
	EXTERIOR WALLS AND OVERHANGS	ROUGH WALL SURFACING	6,000 SF	Assumed
	EXTERIOR WINDOWS	WIINDOW PUTTY/COMPOUND	300 LF	Assumed

End Of Report, Total Of 5 Pages

**NON- FRIABLE LOCATIONS IN
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME	LOCATION	MATERIAL TYPE	QTY (APPROXIMATE)	ASBESTOS CONTENT
CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING				
	COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM	PLASTER WALL	2,950 SF	Assumed
	COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM	PLASTER WALL SURFACING	2,950 SF	Assumed
CLASSROOMS 11-15 BUILDING				
	RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET	PLASTER WALL	3,000 SF	Assumed
	RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET	PLASTER WALL SURFACING	3,000 SF	Assumed
CLASSROOMS 21-24 BUILDING				
	CLASSROOM 21	VINYL SHEETING	900 SF	New Material
	CLASSROOM 21	VINYL SHEETING BACKING PAPER/MASTIC	900 SF	New Material
	CLASSROOMS 22-24	CARPET MASTIC	950 SF	Assumed
DAYCARE (A & B) PORTABLES BUILDING				
	CLASSROOM B RESTROOM	VINYL SHEETING	60 SF	Assumed
	ENTIRE BUILDING	PRESSED WOOD WALL PANEL MASTIC	4,600 SF	Assumed
	ENTIRE BUILDING (EXCEPT RESTROOMS)	BASEBOARD MASTIC	100 LF	Assumed
	RESTROOM A	VINYL SHEETING	60 SF	Assumed
	ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM	VINYL FLOOR TILE	2,950 SF	Assumed
	ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM	VINYL FLOOR TILE MASTIC	2,950 SF	Assumed
	TEACHER'S RESTROOM	VINYL FLOOR TILE	60 SF	Assumed
	TEACHER'S RESTROOM	VINYL FLOOR TILE MASTIC	60 SF	Assumed

End Of Report, Total Of 1 Pages

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL 6,600 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING

PLASTER WALL SURFACING 6,600 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 105 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 200 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOM E PORTABLE BUILDING

CLASSROOM E

PORTABLE BUILDING

960 SF

- (a) This is a replacement/new material.
 - (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
 - (c) This documentation is to be maintained with the District's AHERA records.
-

CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET

SUSPENDED CEILING TILE

6,900 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

ENTIRE BUILDING

PLASTER WALL

1,400 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ENTIRE BUILDING

PLASTER WALL SURFACING 1,400 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR DOOR

FIRE DOOR CORE INSULATION 226 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING

4,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING SURFACING

4,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

650 LF

- (a) Sample the material. If ACM include this material in the Operations and Maintenance (O & M) manual. Maintain the material in an intact and undamaged condition
 - (b) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM

PLASTER WALL 2,950 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM

PLASTER WALL SURFACING 2,950 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 357 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 3,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 500 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS 11-15 BUILDING

CLASSROOMS

SMOOTH WALL MISCELLANEOUS 3,900 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

CLASSROOMS 11-15

SMOOTH WALL SURFACING 3,900 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 273 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 3,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 500 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL SURFACING 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL 1,400 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL SURFACING 1,400 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS

WIINDOW PUTTY/COMPOUND 500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 252 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 3,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24 BUILDING

CLASSROOM 21

VINYL SHEETING 900 SF

- (a) This is a replacement/new material.
- (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
- (c) This documentation is to be maintained with the District's AHERA records.

CLASSROOM 21

VINYL SHEETING BACKING PAPER/MASTIC 900 SF

- (a) This is a replacement/new material.
 - (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
 - (c) This documentation is to be maintained with the District's AHERA records.
-

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS 21-24

BASEBOARD MASTIC 1,180 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

CEILING MASTIC 3,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

CEILING TILE 3,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

DUCT WRAP TAPE 20 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS 21-24

SMOOTH WALL MISCELLANEOUS 4,800 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

SMOOTH WALL SURFACING 4,800 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

VINYL FLOOR TILE 3,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 21-24

VINYL FLOOR TILE MASTIC 3,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS 22-24

CARPET MASTIC 950 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 22-24

VINYL FLOOR TILE 1,560 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOMS 22-24

VINYL FLOOR TILE MASTIC 1,560 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 168 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR WALLS

ROUGH WALL 2,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS

ROUGH WALL SURFACING 2,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 400 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
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**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

CLASSROOMS F & G PORTABLES BUILDING

CLASSROOMS F & G

PORTABLE BUILDING 1,920 SF

- (a) This is a replacement/new material.
- (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
- (c) This documentation is to be maintained with the District's AHERA records.

DAYCARE (A & B) PORTABLES BUILDING

CLASSROOM B RESTROOM

VINYL SHEETING 60 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

CLASSROOM B RESTROOM

VINYL SHEETING BACKING PAPER/MASTIC 60 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING

PRESSED WOOD WALL PANEL MASTIC 4,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ENTIRE BUILDING

PRESSED-WOOD WALL PANEL 4,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING

VINYL WALL COVER 4,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING

VINYL WALL COVER MASTIC 4,600 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING (EXCEPT RESTROOMS)

BASEBOARD MASTIC 100 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ENTIRE BUILDING (EXCEPT RESTROOMS)

SUSPENDED CEILING TILE 2,950 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 84 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS

SPRAY-ON WALL TEXTURE 2,500 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

INTERIOR DOOR

FIRE DOOR CORE INSULATION 210 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

RESTROOM A

VINYL SHEETING 60 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RESTROOM A

VINYL SHEETING BACKING PAPER/MASTIC 60 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ROOM B

VINYL FLOOR TILE 184 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ROOM B

VINYL FLOOR TILE MASTIC 184 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE 1,020 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE MASTIC 1,020 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ROOMS A, B, AND OFFICES

CARPET MASTIC 1,800 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE 2,950 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE MASTIC 2,950 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
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TEACHER'S RESTROOM

VINYL FLOOR TILE 60 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

TEACHER'S RESTROOM

VINYL FLOOR TILE MASTIC 60 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.
-

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

DAYCARE OFFICE PORTABLE BUILDING

DAYCARE OFFICE

PORTABLE BUILDING 960 SF

- (a) This is a replacement/new material.
- (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
- (c) This documentation is to be maintained with the District's AHERA records.

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL 10,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

COVERED WALKWAY

ROUGH WALL SURFACING 10,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

**RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

METAL STORAGE CONTAINERS

METAL STORAGE CONTAINERS WITH DOORS

FIRE DOOR CORE INSULATION 42 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL 4,000 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING

PLASTER WALL SURFACING 4,000 SF

- (a) No abatement is necessary.
 - (b) Maintain the material in an intact and undamaged condition.
 - (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
 - (d) Include this material in the long term surveillance and re-inspection program
 - (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material.
- Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION TBD

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR DOORS

FIRE DOOR CORE INSULATION 168 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL 6,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

RECOMMENDATIONS FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

RECOMMENDATION

QTY

(APPROXIMATE)

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING 6,000 SF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND 300 LF

- (a) No abatement is necessary.
- (b) Maintain the material in an intact and undamaged condition.
- (c) Include this material in the Operations and Maintenance (O & M) program until it has been replaced with a material that does not contain Asbestos.
- (d) Include this material in the long term surveillance and re-inspection program
- (e) Remove the material if it becomes damaged or repairs and maintenance work may impact this material. Removal must be designed and performed by accredited personnel only.

WOOD SHED

WOOD STORAGE BUILDING

STORAGE BUILDING 80 SF

- (a) This is a replacement/new material.
- (b) The District should obtain documentation from the manufacturer/installer that no asbestos has been used in the manufacture or installation of this building material.
- (c) This documentation is to be maintained with the District's AHERA records.

End Of Report, Total Of 26 Pages

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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ADMINISTRATION BUILDING

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

39435-5 8/25/2000 Negative ND NONE DETECTED ND

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

ADMINISTRATION BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

15-191AAA 11/3/2015 Positive ASSUMED NO SAMPLE NS

ADMINISTRATION BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

15-191AAA 11/3/2015 Positive ASSUMED NO SAMPLE NS

ADMINISTRATION BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No.	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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ADMINISTRATION BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No.	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOM E PORTABLE BUILDING

CLASSROOM E PORTABLE BUILDING

CLASSROOM E

PORTABLE BUILDING

<u>15-082.NS</u>	5/5/2015	Negative	NEW MATERIAL	NO SAMPLE	NS
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New 1997 Construction Relocatable Building per Manufacturer's Tag information.

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 1-5, RESTROOMS, WORKROOM, AND STORAGE CLOSET
SUSPENDED CEILING TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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39436-4 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING
PLASTER WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93436-2 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING
PLASTER WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS
PIPE FITTING INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS
PIPE RUN INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR DOOR
FIRE DOOR CORE INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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<u>93436-5 Historical</u>	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING SURFACING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM
PLASTER WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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39437-2 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

COUNSELOR ROOM, BOOK ROOM, OLD MECHANICAL ROOM, AND CUSTODIAN ROOM
PLASTER WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS
PIPE FITTING INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS
PIPE RUN INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR DOORS
FIRE DOOR CORE INSULATION

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WALLS AND OVERHANGS
ROUGH WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 11-15 BUILDING

CLASSROOMS 11-15 BUILDING

CLASSROOMS

SMOOTH WALL MISCELLANEOUS

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93438-2 (Tape and J.C.)	8/25/2000	Negative	ND	NONE DETECTED	ND
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Tape and Joint Compound. SCUSD Historical Sample.

93438-3 (Gypsum Board)	8/25/2000	Negative	ND	NONE DETECTED	ND
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Gypsum Board. SCUSD Historical Sample.

CLASSROOMS 11-15 BUILDING

CLASSROOMS 11-15

SMOOTH WALL SURFACING

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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93438-7 Historical SCUSD Historical Sample.	8/25/2000	Negative	ND	NONE DETECTED	ND
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CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 11-15 BUILDING

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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39438-4 Historical SCUSD Historical Sample.	8/25/2000	Negative	ND	NONE DETECTED	ND
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CLASSROOMS 11-15 BUILDING

RESTROOMS, SUPPLY ROOM, AND CUSTODIAN CLOSET

PLASTER WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 16-20 BUILDING

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93439-6 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 16-20 BUILDING

CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS

WIINDOW PUTTY/COMPOUND

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 16-20 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 16-20 BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 16-20 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24 BUILDING

CLASSROOM 21

VINYL SHEETING

<u>18-163AAA</u>	11/1/2018	Negative	NEW MATERIAL	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOM 21

VINYL SHEETING BACKING PAPER/MASTIC

<u>18-163AAA</u>	11/1/2018	Negative	NEW MATERIAL	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

BASEBOARD MASTIC

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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<u>93440-1 Historical</u> SCUSD Historical Sample.	8/25/2000	Positive	<1	TREMOLITE	TR
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING MASTIC

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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<u>93440-5 Historical</u> SCUSD Historical Sample.	8/25/2000	Negative	ND	NONE DETECTED	ND
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING TILE

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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<u>93440-4 Historical</u> SCUSD Historical Sample.	8/25/2000	Negative	ND	NONE DETECTED	ND
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

DUCT WRAP TAPE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

SMOOTH WALL MISCELLANEOUS

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93440-2 (Tape and JC)	8/25/2000	Positive	<1	CHRYBOTILE	CH
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Tape and Joint Compound Collected. SCUSD Historical Sample.

93440-3 (Gypsum Board)	8/25/2000	Negative	ND	NONE DETECTED	ND
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Gypsum Board. SCUSD Historical Sample.

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

SMOOTH WALL SURFACING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

CARPET MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL SURFACING

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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CLASSROOMS 21-24 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
------------------------	------	--------	---------------------	------------------	------------------

CLASSROOMS F & G PORTABLES BUILDING

CLASSROOMS F & G PORTABLES BUILDING

CLASSROOMS F & G

PORTABLE BUILDING

<u>15-082.NS</u>	5/5/2015	Negative	NEW MATERIAL	NO SAMPLE	NS
New 1997 Construction Relocatable Buildings per Manufacturer's Tag information.					

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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DAYCARE (A & B) PORTABLES BUILDING

DAYCARE (A & B) PORTABLES BUILDING

CLASSROOM B RESTROOM

VINYL SHEETING

15-191AAA 11/3/2015 Positive ASSUMED NO SAMPLE NS

DAYCARE (A & B) PORTABLES BUILDING

CLASSROOM B RESTROOM

VINYL SHEETING BACKING PAPER/MASTIC

15-191AAA 11/3/2015 Positive ASSUMED NO SAMPLE NS

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED WOOD WALL PANEL MASTIC

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED-WOOD WALL PANEL

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

93441-3 Historical 8/25/2000 Negative ND NONE DETECTED ND
SCUSD Historical Sample.

93441-4 Historical 8/25/2000 Negative ND NONE DETECTED ND
SCUSD Historical Sample.

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER MASTIC

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
------------------------	------	--------	---------------------	------------------	------------------

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

BASEBOARD MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93441-1 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

SUSPENDED CEILING TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93441-5 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

DAYCARE (A & B) PORTABLES BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

EXTERIOR WALLS

SPRAY-ON WALL TEXTURE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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93441-6 Historical	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

DAYCARE (A & B) PORTABLES BUILDING

INTERIOR DOOR

FIRE DOOR CORE INSULATION

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

RESTROOM A

VINYL SHEETING

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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DAYCARE (A & B) PORTABLES BUILDING

RESTROOM A

VINYL SHEETING BACKING PAPER/MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE MASTIC

15-191AAA	11/3/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, AND OFFICES

CARPET MASTIC

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE

15-082AAA	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, OFFICES, RESTROOMS, AND STORAGE ROOM

VINYL FLOOR TILE MASTIC

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

TEACHER'S RESTROOM

VINYL FLOOR TILE

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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DAYCARE (A & B) PORTABLES BUILDING

TEACHER'S RESTROOM

VINYL FLOOR TILE MASTIC

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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DAYCARE OFFICE PORTABLE BUILDING

DAYCARE OFFICE PORTABLE BUILDING

DAYCARE OFFICE

PORTABLE BUILDING

<u>15-082.NS</u> New 1990 Construciton Relocatable Building per Manufacturer's Tag information.	5/5/2015	Negative	NEW MATERIAL	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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MAIN COVERED WALKWAY

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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<u>93441-7 Historical</u>	8/25/2000	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL SURFACING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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METAL STORAGE CONTAINERS

METAL STORAGE CONTAINERS

METAL STORAGE CONTAINERS WITH DOORS

FIRE DOOR CORE INSULATION

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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MULTI-PURPOSE AND CAFETERIA BUILDING

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

93434-3 Historical 8/25/2000 Negative ND NONE DETECTED ND

SCUSD Historical Sample.

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE FITTING INSULATION

15-191.NS 11/3/2015 Positive ASSUMED NO SAMPLE NS

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING - CONCEALED LOCATIONS

PIPE RUN INSULATION

15-191AAA 11/3/2015 Positive ASSUMED NO SAMPLE NS

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

15-082AAA 5/5/2015 Positive ASSUMED NO SAMPLE NS

SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No.	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

<u>104839-3 Historical</u>	9/18/2001	Negative	ND	NONE DETECTED	ND
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SCUSD Historical Sample.

<u>15-082AAA</u>	5/5/2015	Positive	ASSUMED	NO SAMPLE	NS
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**SAMPLES REPORT FOR
BRACHER ELEMENTARY SCHOOL**

BUILDING NAME

LOCATION

MATERIAL TYPE

SAMPLE No. COMMENTS	DATE	RESULT	ASBESTOS CONTENT	ASBESTOS NAME	ASBESTOS TYPE
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WOOD SHED

WOOD SHED

WOOD STORAGE BUILDING
STORAGE BUILDING

15-082.NS Apparent New Wood Structure	5/5/2015	Negative	NEW MATERIAL	NO SAMPLE	NS
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End Of Report, Total Of 25 Pages

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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ADMINISTRATION BUILDING

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL

6,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	Damages Observed. <5% Physical Damage in the form of 1 LF crack on ceiling by entry into school office. Material condition changed from GOOD to FAIR overall. Friability updated from Non-Friable to Friable. No other changes as of this date.
06/10/2020	This Material is unchanged as of this date.

ADMINISTRATION BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

6,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/01/2019				This Material is unchanged as of this date.		
11/13/2019				Damages Observed. <5% Physical Damage in the form of 1 LF crack on ceiling by entry into school office. Material condition changed from GOOD to FAIR overall. Friability updated from Non-Friable to Friable. No other changes as of this date.		
06/10/2020				This Material is unchanged as of this date.		

ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL	3,000 SF	P: Less Than 5% W: No Evidence
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DAMAGED FRIABLE SURFACING ACM

05/05/2015				Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.		
11/03/2015				This Material is unchanged as of this date.		
05/13/2016				This Material is unchanged as of this date.		
11/03/2016				Damage Observed. <5% Physical Damage - in the form of 12 LF hairline cracks skim coat peeling around lower portions of the walls. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.		
05/02/2017				Damages clarified. There are now approximately 24 LF of cracks on West Wall. No other changes as of this date.		
11/08/2017				This Material is unchanged as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				This Material is unchanged as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				This Material is unchanged as of this date.		
06/10/2020				This Material is unchanged as of this date.		

ADMINISTRATION BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING	3,000 SF	P: Less Than 5% W: No Evidence
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DAMAGED FRIABLE SURFACING ACM

05/05/2015				Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.		
11/03/2015				This Material is unchanged as of this date.		
05/13/2016				This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
				11/03/2016	Damage Observed. <5% Physical Damage - in the form of 12 LF hairline cracks skim coat peeling around lower portions of the walls. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.	
				05/02/2017	Damages clarified. There are now approximately 24 LF of cracks on West Wall. No other changes as of this date.	
				11/08/2017	This Material is unchanged as of this date.	
				05/10/2018	This Material is unchanged as of this date.	
				11/01/2018	This Material is unchanged as of this date.	
				05/01/2019	This Material is unchanged as of this date.	
				11/13/2019	This Material is unchanged as of this date.	
				06/10/2020	This Material is unchanged as of this date.	

ADMINISTRATION BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

200 LF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Phyiscal Damage - approximately 2 LF of Damage due to aging and deterioration on Window outside of Staff Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 01-05, KA & KB BUILDING

CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING

PLASTER WALL

1,400 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93436-2 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	Damage observed. Damage: <5% Physical Damage - in the form of exposed Wall edges where Ceiling has been Removed and Replaced with Gypsum Board in the Storage Room between KA and KB. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Additional Damage Observed. 12 LF Cracks in the Wall located in Men's Restroom. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 01-05, KA & KB BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

1,400 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	Damage observed. Damage: <5% Physical Damage - in the form of exposed Wall edges where Ceiling has been Removed and Replaced with Gypsum Board in the Storage Room between KA and KB. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/03/2016	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESSMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/02/2017				This Material is unchanged as of this date.		
11/08/2017				Additional Damage Observed. 12 LF Cracks in the Wall located in Men's Restroom. No other changes as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				This Material is unchanged as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				This Material is unchanged as of this date.		
06/10/2020				This Material is unchanged as of this date.		

CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING	4,000 SF	P: Less Than 5% W: No Evidence
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DAMAGED FRIABLE SURFACING ACM

05/05/2015				Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date. Sample 93436-5 is a Historical Sample result received from the SCUSD.		
11/03/2015				This Material is unchanged as of this date.		
05/13/2016				This Material is unchanged as of this date.		
11/03/2016				Damage Observed. <5% Physical Damage - in the form of 10 LF of cracks. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.		
05/02/2017				Additional Damage observed. Approximately 15 LF of cracks and 2 small holes by Rooms 4 and 5. No other changes as of this date.		
11/08/2017				This Material is unchanged as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				This Material is unchanged as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				Additional Damage Observed. <5% Physical Damage in the form of 1 SF of Missing Stucco on Wall and Ceiling by Classroom 3. Material remains in FAIR condition overall. No other changes as of this date.		
06/10/2020				This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH CEILING SURFACING	4,000 SF	P: Less Than 5% W: No Evidence
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DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 10 LF of cracks. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/02/2017	Additional Damage observed. Approximately 15 LF of cracks and 2 small holes by Rooms 4 and 5. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	Additional Damage Observed. <5% Physical Damage in the form of 1 SF of Missing Stucco on Wall and Ceiling by Classroom 3. Material remains in FAIR condition overall. No other changes as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 01-05, KA & KB BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND	650 LF	P: Less Than 5% W: No Evidence
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. 3 SF of Damage observed. This Material is in FAIR condition as of this date.
11/03/2015	Additional Damage observed, 3 LF of Window Putty is missing. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY	PHYSICAL DAMAGE (P:)
MATERIAL TYPE	RISK ASSESMENT CATEGORY	(APPROXIMATE)	WATER DAMAGE (W:)
COMMENTS			

05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME**LOCATION****MATERIAL TYPE****RISK ASSESSMENT CATEGORY****COMMENTS****QTY
(APPROXIMATE)****PHYSICAL DAMAGE (P:)
WATER DAMAGE (W:)****CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING****CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING**

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

3,500 SF

P: Less Than 5%**W:** No EvidenceDAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Stucco on Exterior Walls and Overhangs. Material is damaged in 3 places. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF cracks on west wall. Skim coat peeling and cracking. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

3,500 SF

P: Less Than 5%**W:** No EvidenceDAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. Material is damaged in 3 places. This Material is in FAIR condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF cracks on west wall. Skim coat peeling and cracking. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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11/08/2017	This Material is unchanged as of this date.				
05/10/2018	This Material is unchanged as of this date.				
11/01/2018	This Material is unchanged as of this date.				
05/01/2019	This Material is unchanged as of this date.				
11/13/2019	This Material is unchanged as of this date.				
06/10/2020	This Material is unchanged as of this date.				

CLASSROOMS 06-07 (LIBRARY) AND 08-10 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

500 LF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. Some of the Material is Broken. This Material is in FAIR condition as of this date.				
11/03/2015	This Material is unchanged as of this date.				
05/13/2016	This Material is unchanged as of this date.				
11/03/2016	This Material is unchanged as of this date.				
05/02/2017	This Material is unchanged as of this date.				
11/08/2017	This Material is unchanged as of this date.				
05/10/2018	This Material is unchanged as of this date.				
11/01/2018	This Material is unchanged as of this date.				
05/01/2019	This Material is unchanged as of this date.				
11/13/2019	Additional Damage Observed. <5% Physical Damage in the form of 2 SF of Missing and Cracked Window Putty on Girls Restroom Windows. Material remains in FAIR condition overall. No other changes as of this date.				
06/10/2020	This Material is unchanged as of this date.				

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESSMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 11-15 BUILDING

CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL	3,500 SF	P: Less Than 5% W: No Evidence
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Stucco on Exterior Walls and Overhangs. 9 SF of Wall Damage. This Material is in FAIR condition as of this date Sample 93438-7 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Additional Damage observed. West Wall has 100 LF of cracks and peeling Skim Coat in various locations. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 11-15 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING	3,500 SF	P: Less Than 5% W: No Evidence
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DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. 9 SF of Wall Damage. This Material is in FAIR condition as of this date
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Additional Damage observed. West Wall has 100 LF of cracks and peeling Skim Coat in various locations. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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11/01/2018	This Material is unchanged as of this date.				
05/01/2019	This Material is unchanged as of this date.				
11/13/2019	This Material is unchanged as of this date.				
06/10/2020	This Material is unchanged as of this date.				

CLASSROOMS 11-15 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

500 LF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. 10 LF of Caulking is Missing. This Material is in FAIR condition as of this date.				
11/03/2015	This Material is unchanged as of this date.				
05/13/2016	This Material is unchanged as of this date.				
11/03/2016	This Material is unchanged as of this date.				
05/02/2017	This Material is unchanged as of this date.				
11/08/2017	This Material is unchanged as of this date.				
05/10/2018	This Material is unchanged as of this date.				
11/01/2018	This Material is unchanged as of this date.				
05/01/2019	This Material is unchanged as of this date.				
11/13/2019	This Material is unchanged as of this date.				
06/10/2020	Additional Damage Observed. 2 LF of Damaged Window Putty in Boys Restroom. No other changes as of this date.				

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESSMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 16-20 BUILDING

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL

1,400 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93439-6 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 16-20 BUILDING

BOYS' AND GIRLS' RESTROOMS

PLASTER WALL SURFACING

1,400 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

CLASSROOMS 16-20 BUILDING

CLASSROOMS AND BOYS' AND GIRLS' RESTROOMS

WIINDOW PUTTY/COMPOUND

500 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Putty/Sealant on Exterior side of Exterior Windows. 5 LF is Missing and Several Cracks observed. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.
05/02/2017 This Material is unchanged as of this date.
11/08/2017 This Material is unchanged as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 This Material is unchanged as of this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL

3,000 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015 Damage observed. <5% Physical Damage - 5 SF of Wall Damage by Classrooms 16, 18, and 20. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 Additional Damage Observed. 2 LF broken stucco, 50 LF cracking/peeling on the west wall. No other changes as of this date.
05/02/2017 This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
MATERIAL TYPE	RISK ASSESSMENT CATEGORY		
COMMENTS			

11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 16-20 BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

3,000 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015	Damage observed. <5% Physical Damage - 5 SF of Wall Damage by Classrooms 16, 18, and 20. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Additional Damage Observed. 2 LF broken stucco, 50 LF cracking/peeling on the west wall. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

BASEBOARD MASTIC

1,180 LF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Mastic/Adhesive for 4" Multicolored Baseboard, Dark Brown in Classroom 21 and Blue in Classrooms 22-24. This Material is in GOOD condition as of this date. Sample 93440-1 is a Historical Sample result received from the SCUSD. (Original entry updated 11/03/15)
11/03/2015	Material Description changed. Material is Dark Brown in Classroom 21 and Blue in Classrooms 22-24. Material description changed from 'Mastic/Adhesive for 4" Baseboard' to 'Mastic/Adhesive for 4" Multicolored Baseboard, Dark Brown in Classroom 21 and Blue in Classrooms 22-24'. Original entry updated. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	Damages Observed. <5% Physical Damage in the form of 4 LF of Missing Baseboard with White Mastic Exposed. Material condition changed from GOOD to FAIR overall. Friability updated from Non-Friable to Friable. No other changes as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING MASTIC

3,600 SF

P: Less Than 5%

W: <10% Stains or Flaking

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Mastic/Adhesive for 2'x2' Ceiling Tile. Classroom 21 has 15 Ceiling Tiles with <10% Water Damage. Classroom 21 has 4 Ceiling Tiles Loose. <5% Damage. This Material is in FAIR condition as of this date. Sample 93440-5 is a Historical Sample result received from the SCUSD.
11/03/2015	Damage observed. Classroom 21 now has a total of 18 Tiles Water Damaged. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESSMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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11/03/2016				This Material is unchanged as of this date.		
05/02/2017				This Material is unchanged as of this date.		
11/08/2017				This Material is unchanged as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				Material Re-assessed. 6 Loose Tiles have been Repaired in Classroom 22. Water Damage has been Repaired in Classroom 21. No other changes as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				This Material is unchanged as of this date.		
06/10/2020				This Material is unchanged as of this date.		

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

CEILING TILE

3,600 SF

P: No Visible Damage

W: <10% Stains or Flaking

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015				2'x2' Ceiling Tile. Classroom 21 has 15 Ceiling Tiles with <10% Water Damage. Classroom 21 has 4 Ceiling Tiles Loose. <5% Damage. This Material is in FAIR condition as of this date. Sample 93440-4 is a Historical Sample result received from the SCUSD.		
11/03/2015				Additional Damage observed. Classroom 21 now has a total of 18 Tiles Water Damaged. No other changes as of this date.		
05/13/2016				This Material is unchanged as of this date.		
11/03/2016				This Material is unchanged as of this date.		
05/02/2017				This Material is unchanged as of this date.		
11/08/2017				This Material is unchanged as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				Material Re-assessed. 6 Loose Tiles have been Repaired in Classroom 22. Water Damage has been Repaired in Classroom 21. No other changes as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				This Material is unchanged as of this date.		
06/10/2020				This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE

3,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile. Classroom 24 has 15 Broken Tiles with exposed Mastic. This Material is in FAIR condition as of this date. (Original entry updated 11/03/15.)
11/03/2015	Material Description changed. Material is 9"x9" and Brown, and in Classrooms 22-24 Material is under Carpet or 12"x12" Vinyl Floor Tile. Material description changed from '12"x12" Vinyl Floor Tile' to '9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile'. Original entry updated. Classroom 24 now has a total of 18 Tiles broken. No other changes as of this date.
05/13/2016	Additional Damage observed. Classroom 21 now has 80 Tiles with Damage and Missing pieces exposing Black Mastic/Adhesive; approximately 2 SF of Damage. No other changes as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damages Re-Assessed. Room 21 now has 8 SF of exposed Mastic/Adhesive. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Material Re-assessed. Water Damage has been Repaired in Classroom 21, Floor now covered with Grey Vinyl. No other changes as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 21-24 BUILDING

CLASSROOMS 21-24

VINYL FLOOR TILE MASTIC

3,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Mastic/Adhesive for 9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile. Classroom 24 has 15 Broken Tiles with exposed Mastic. This Material is in FAIR condition as of this date.
11/03/2015	Material reassessed. Material is 9"x9" and Brown, and in Classrooms 22-24 Material is under Carpet or 12"x12" Vinyl Floor Tile. Material description changed from 'Mastic/Adhesive for 12"x12" Vinyl Floor Tile' to 'Mastic/Adhesive for 9"x9" Brown Vinyl Floor Tile. In Classrooms 22-24 the Material is under Carpet or 12"x12" Vinyl Floor Tile'. Original entry updated. Classroom 24 now has a total of 18 Tiles broken. No other change as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESSMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
05/13/2016				Additional Damage observed. Classroom 21 now has 80 Tiles with Damage and Missing pieces exposing Black Mastic/Adhesive; approximately 2 SF of Damage. No other changes as of this date.		
11/03/2016				This Material is unchanged as of this date.		
05/02/2017				Damages Re-Assessed. Room 21 now has 8 SF of exposed Mastic/Adhesive. No other changes as of this date.		
11/08/2017				This Material is unchanged as of this date.		
05/10/2018				This Material is unchanged as of this date.		
11/01/2018				Material Re-assessed. Water Damage has been Repaired in Classroom 21, Floor now covered with Grey Vinyl. No other changes as of this date.		
05/01/2019				This Material is unchanged as of this date.		
11/13/2019				This Material is unchanged as of this date.		
06/10/2020				This Material is unchanged as of this date.		

CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE

1,560 SF

P: Less Than 5%
W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	12"x12" Light Blue Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015	Location Description changed. Location description changed from 'CLASSROOMS 22 & 23' to 'CLASSROOMS 22-24'. Quantity changed from 3,200 SF to 1,560 SF. Material is over 9"x9" Vinyl Floor Tile. Classroom 23 has 3 Tiles with holes. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Additional Damage Observed. <5% Physical Damage - in the form of 9 holes now in Classroom 23 an 1 cracked Tile. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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CLASSROOMS 21-24 BUILDING

CLASSROOMS 22-24

VINYL FLOOR TILE MASTIC

1,560 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Mastic/Adhesive for 12"x12" Light Blue Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015	Location Description changed. Location description changed from 'CLASSROOMS 22 & 23' to 'CLASSROOMS 22-24'. Quantity changed from 3,200 SF to 1,560 SF. Material is over 9"x9" Vinyl Floor Tile. Classroom 23 has 3 Tiles with holes. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	Additional Damage Observed. <5% Physical Damage - in the form of 9 holes now in Classroom 23 an 1 cracked Tile. No other changes as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL

2,500 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Physical Damage - in the form of minor surface cracking and peeling at various locations around the Building. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/10/2018 This Material is unchanged as of this date.
11/01/2018 This Material is unchanged as of this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

CLASSROOMS 21-24 BUILDING

EXTERIOR WALLS

ROUGH WALL SURFACING

2,500 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

11/03/2015 Skim Coat for Stucco on Exterior Walls and Overhangs. This Material is in GOOD condition as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.
05/02/2017 Damage observed. Damage: <5% Physical Damage - in the form of minor surface cracking and peeling at various locations around the Building. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
11/08/2017 This Material is unchanged as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 This Material is unchanged as of this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

CLASSROOMS 21-24 BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

400 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Putty/Sealant on Exterior Windows. Putty is cracked in some locations. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY	PHYSICAL DAMAGE (P:)
MATERIAL TYPE	RISK ASSESMENT CATEGORY	(APPROXIMATE)	WATER DAMAGE (W:)
COMMENTS			

05/02/2017	This Material is unchanged as of this date.		
11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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DAYCARE (A & B) PORTABLES BUILDING

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED WOOD WALL PANEL MASTIC

4,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Mastic/Adhesive for Pressed-Wood Wall Panel (with Vinyl Wall Cover). This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

PRESSED-WOOD WALL PANEL

4,600 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Pressed-Wood Wall Panel (with Vinyl Wall Cover). This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Low to Moderate. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/10/2018 This Material is unchanged as of this date.
11/01/2018 Building inaccessible on this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER 4,600 SF P: Less Than 5%
W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Vinyl Wall Cover (on Pressed-Wood Wall Panel). Samples 93441-3 and 93441-4 are Historical Sample results received from the SCUSD. This Material is in GOOD condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.
05/02/2017 Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/08/2017 This Material is unchanged as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 Building inaccessible on this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING

VINYL WALL COVER MASTIC 4,600 SF P: Less Than 5%
W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Mastic/Adhesive for Vinyl Wall Cover (on Pressed-Wood Wall Panel). This Material is in GOOD condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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11/03/2016	This Material is unchanged as of this date.					
05/02/2017	Damage observed. Damage: <5% Physical Damage- in the form of 2 SF of Water Damage on Upper Wall near Restroom. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.					
11/08/2017	This Material is unchanged as of this date.					
05/10/2018	This Material is unchanged as of this date.					
11/01/2018	Building inaccessible on this date.					
05/01/2019	This Material is unchanged as of this date.					
11/13/2019	This Material is unchanged as of this date.					
06/10/2020	This Material is unchanged as of this date.					

DAYCARE (A & B) PORTABLES BUILDING

ENTIRE BUILDING (EXCEPT RESTROOMS)

SUSPENDED CEILING TILE	2,950 SF	P: Less Than 5% W: <10% Stains or Flaking
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	2'x4' Suspended Ceiling Tile. Room A has 2 Suspended Ceiling Tiles Broken. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 93441-5 is a Historical Sample result received from the SCUSD.					
11/03/2015	Location Description Re-Assessed, location description changed from 'CHILD CARE BUILDING' to 'ENTIRE BUILDING (EXCEPT RESTROOMS)'. No other changes as of this date.					
05/13/2016	This Material is unchanged as of this date.					
11/03/2016	This Material is unchanged as of this date.					
05/02/2017	Partial Repairs and Additional Damage observed. Broken Tiles noted on 05/05/15 have been replaced. <10% Water Damage - Room A has 1 Tile with Water Damage. Room B has 3 Tiles with Physical Damage. No other changes as of this date.					
11/08/2017	This Material is unchanged as of this date.					
05/10/2018	This Material is unchanged as of this date.					
11/01/2018	Building inaccessible on this date.					
05/01/2019	This Material is unchanged as of this date.					
11/13/2019	This Material is unchanged as of this date.					
06/10/2020	This Material is unchanged as of this date.					

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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DAYCARE (A & B) PORTABLES BUILDING

EXTERIOR WALLS

SPRAY-ON WALL TEXTURE

2,500 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Spray-On Wall Texture. 5 SF is Peeling. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 93441-6 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE

184 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	12"x12" Cream Vinyl Floor Tile. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	Damage observed. Damage: <5% Physical Damage - in the form of 10 cracked Tiles. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	Building inaccessible on this date.
05/01/2019	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
---------------	----------	---------------	-------------------------	----------	-------------------	--

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ROOM B

VINYL FLOOR TILE MASTIC

184 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 12"x12" Cream Vinyl Floor Tile. This Material is in GOOD condition as of this date.

11/03/2015 This Material is unchanged as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 This Material is unchanged as of this date.

05/02/2017 Damage observed. Damage: <5% Physical Damage - in the form of 10 cracked Tiles. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE

1,020 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

11/03/2015 12"x12" Off-white with Brown and Blue Dots Vinyl Floor Tile. Room A has 2 Tiles cracked. This Material is above 12"x12" Light Gray Vinyl Floor Tile. This Material is in FAIR condition as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 Additoinal Damage Observed. Classroom A now has 5 cracked Tiles. No other changes as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B AND HALLWAY

VINYL FLOOR TILE MASTIC

1,020 SF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

11/03/2015 Mastic/Adhesive for 12"x12" Off-white with Brown and Blue Dots Vinyl Floor Tile. Room A has 2 Tiles cracked. This Material is above 12"x12" Light Gray Vinyl Floor Tile. This Material is in FAIR condition as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 Additoinal Damage Observed. Classroom A now has 5 cracked Tiles. No other changes as of this date.

05/02/2017 This Material is unchanged as of this date.

11/08/2017 This Material is unchanged as of this date.

05/10/2018 This Material is unchanged as of this date.

11/01/2018 Building inaccessible on this date.

05/01/2019 This Material is unchanged as of this date.

11/13/2019 This Material is unchanged as of this date.

06/10/2020 This Material is unchanged as of this date.

DAYCARE (A & B) PORTABLES BUILDING

ROOMS A, B, AND OFFICES

CARPET MASTIC

1,800 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015 Mastic/Adhesive for Brown Carpet. This Material is in GOOD condition as of this date.

11/03/2015 Material reassessed. Material is over 12"x12" Vinyl Floor Tile. Location description changed from 'ENTIRE BUILDING' to 'ROOMS A, B, AND OFFICES'. No other change as of this date.

05/13/2016 This Material is unchanged as of this date.

11/03/2016 Damage Observed. <5% Physical Damage - in the form of 3 SF carpet worn through. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.

05/02/2017 This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY	PHYSICAL DAMAGE (P:)
MATERIAL TYPE	RISK ASSESMENT CATEGORY	(APPROXIMATE)	WATER DAMAGE (W:)
COMMENTS			

11/08/2017	This Material is unchanged as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	Building inaccessible on this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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MAIN COVERED WALKWAY

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL	10,000 SF	P: Less Than 5% W: <10% Stains or Flaking
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Stucco on Exterior Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93441-7 is a Historical Sample result received from the SCUSD.
11/03/2015	Damages observed. Walkway between Classrooms 1-5 and 6-10 has 1 SF of Physical Damage. Walkway between Classrooms 6-10 and 11-15 has 1 SF Physical Damage. <5% Physical Damage. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Additional Damage Observed. Walkway between Classrooms 1-5 and 6-10 has 12 SF of Cracking and Peeling. Walking between Classrooms 6-10 and 11-15 has 15 SF of Physical Damage and Water Damage in the form of Craking and Peeling material. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

MAIN COVERED WALKWAY

COVERED WALKWAY

ROUGH WALL SURFACING	10,000 SF	P: Less Than 5% W: <10% Stains or Flaking
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DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	Damages observed. Walkway between Classrooms 1-5 and 6-10 has 1 SF of Physical Damage. Walkway between Classrooms 6-10 and 11-15 has 1 SF Physical Damage. <5% Physical Damage. Material condition changed from GOOD to FAIR overall. Friability changed from Non-Friable to Friable. No other changes as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY	PHYSICAL DAMAGE (P:)
MATERIAL TYPE	RISK ASSESMENT CATEGORY	(APPROXIMATE)	WATER DAMAGE (W:)
COMMENTS			

05/02/2017	This Material is unchanged as of this date.		
11/08/2017	Additional Damage Observed. Walkway between Classrooms 1-5 and 6-10 has 12 SF of Cracking and Peeling. Walking between Classrooms 6-10 and 11-15 has 15 SF of Physical Damage and Water Damage in the form of Craking and Peeling material. No other changes as of this date.		
05/10/2018	This Material is unchanged as of this date.		
11/01/2018	This Material is unchanged as of this date.		
05/01/2019	This Material is unchanged as of this date.		
11/13/2019	This Material is unchanged as of this date.		
06/10/2020	This Material is unchanged as of this date.		

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P: WATER DAMAGE (W:)
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MULTI-PURPOSE AND CAFETERIA BUILDING

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL

4,000 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Plaster Walls and Ceilings. This Material is in GOOD condition as of this date. Sample 93434-3 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Damage Observed. <5% Physical Damage - in the form of 10 LF of Cracks in the Wall of the Mechanical Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

MULTI-PURPOSE AND CAFETERIA BUILDING

ENTIRE BUILDING

PLASTER WALL SURFACING

4,000 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Plaster Walls and Ceilings. This Material is in GOOD condition as of this date.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	Damage Observed. <5% Physical Damage - in the form of 10 LF of Cracks in the Wall of the Mechanical Room. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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05/10/2018 This Material is unchanged as of this date.
11/01/2018 This Material is unchanged as of this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR DOORS

FIRE DOOR CORE INSULATION	168 SF	P: Less Than 5% W: No Evidence
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Fire Door Core Insulation. (8 EA Doors). This Material is in GOOD condition as of this date.
11/03/2015 Quantity Re-Assessed, quantity changed from 175 SF to 168 SF. No other changes as of this date.
05/13/2016 This Material is unchanged as of this date.
11/03/2016 This Material is unchanged as of this date.
05/02/2017 This Material is unchanged as of this date.
11/08/2017 Additional Damage Observed. Scattered Damage Scrapes and Peeling Skim Coat. No other changes as of this date.
05/10/2018 This Material is unchanged as of this date.
11/01/2018 This Material is unchanged as of this date.
05/01/2019 This Material is unchanged as of this date.
11/13/2019 This Material is unchanged as of this date.
06/10/2020 This Material is unchanged as of this date.

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL	6,000 SF	P: Less Than 5% W: No Evidence
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DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015 Stucco on Exterior Walls and Overhangs. 20 SF of Damage at the Water Heater. 5 SF of Damage outside the Kitchen. <5% Physical Damage. This Material is in FAIR condition as of this date.
11/03/2015 This Material is unchanged as of this date.
05/13/2016 This Material is unchanged as of this date.

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	MATERIAL TYPE	RISK ASSESMENT CATEGORY	COMMENTS	QTY (APPROXIMATE)	PHYSICAL DAMAGE (P:) WATER DAMAGE (W:)
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11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF hairline cracks on East Wall. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.					
05/02/2017	This Material is unchanged as of this date.					
11/08/2017	Additional Damage Observed. Scattered Damage Scrapes and Peeling Skim Coat. No other changes as of this date.					
05/10/2018	This Material is unchanged as of this date.					
11/01/2018	This Material is unchanged as of this date.					
05/01/2019	This Material is unchanged as of this date.					
11/13/2019	This Material is unchanged as of this date.					
06/10/2020	This Material is unchanged as of this date.					

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WALLS AND OVERHANGS

ROUGH WALL SURFACING

6,000 SF

P: Less Than 5%

W: No Evidence

DAMAGED FRIABLE SURFACING ACM

05/05/2015	Skim Coat for Stucco on Exterior Walls and Overhangs. 20 SF of Damage at the Water Heater. 5 SF of Damage outside the Kitchen. <5% Physical Damage. This Material is in FAIR condition as of this date.					
11/03/2015	This Material is unchanged as of this date.					
05/13/2016	This Material is unchanged as of this date.					
11/03/2016	Damage Observed. <5% Physical Damage - in the form of 30 LF hairline cracks on East Wall. Material condition changed from GOOD to FAIR overall. Friability changed from Non to Low. No other changes as of this date.					
05/02/2017	This Material is unchanged as of this date.					
11/08/2017	This Material is unchanged as of this date.					
05/10/2018	This Material is unchanged as of this date.					
11/01/2018	This Material is unchanged as of this date.					
05/01/2019	This Material is unchanged as of this date.					
11/13/2019	This Material is unchanged as of this date.					
06/10/2020	This Material is unchanged as of this date.					

DAMAGE REPORT FOR

BRACHER ELEMENTARY SCHOOL

BUILDING NAME	LOCATION	QTY	PHYSICAL DAMAGE (P:)
MATERIAL TYPE	RISK ASSESMENT CATEGORY	(APPROXIMATE)	WATER DAMAGE (W:)
COMMENTS			

MULTI-PURPOSE AND CAFETERIA BUILDING

EXTERIOR WINDOWS

WIINDOW PUTTY/COMPOUND

300 LF

P: Less Than 5%

W: No Evidence

DAMAGED OR SIGNIFICANTLY DAMAGED FRIABLE MISCELLANEOUS ACM

05/05/2015	Putty/Sealant on Exterior side of Exterior Windows. Storage area has 16 LF of Missing Window Caulking, and some is Loose. <5% Physical Damage. This Material is in FAIR condition as of this date. Sample 104839-3 is a Historical Sample result received from the SCUSD.
11/03/2015	This Material is unchanged as of this date.
05/13/2016	This Material is unchanged as of this date.
11/03/2016	This Material is unchanged as of this date.
05/02/2017	This Material is unchanged as of this date.
11/08/2017	This Material is unchanged as of this date.
05/10/2018	This Material is unchanged as of this date.
11/01/2018	This Material is unchanged as of this date.
05/01/2019	This Material is unchanged as of this date.
11/13/2019	This Material is unchanged as of this date.
06/10/2020	This Material is unchanged as of this date.

End Of Report, Total Of 34 Pages

Bracher Elementary School

2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B	A
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	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Meticecchia	Mirza Gutierrez	Jenny Petros
B	1	1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

Cafeteria
 Kitchen
 Multi-Use

Kindergarten Playground

Carol Allegretti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
 E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON
6/10/20

Bracher Elementary School
 2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B	A
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	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergo	Computer	Debra	Angela	
B	Cust. Office			Library Learning Center	Lab	Schwee	Sempek	
				6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Meticecchia	Mirza Gutierrez	Jenny Petros
B		1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

**Cafeteria
 Kitchen
 Multi-Use**

Kindergarten Playground

Carol Allegretti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

**Behavior Team
 E**

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON: 11/13/19

Bracher Elementary School

2700 Chromite Drive

Santa Clara CA 95051

Phone - (408) 423-1200

Fax - (408) 423-1280

Children's Center

Office

B	A
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	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B	1	1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

Cafeteria
Kitchen
Multi-Use

Kindergarten Playground

Carol
Allegretti
K A

Behavior Team
E

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

BRACHER ELEMENTARY SCHOOL
INSPECTED ON
05-01-2019

Bracher Elementary School

2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B	A
---	---

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B	1	1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

Cafeteria
 Kitchen
 Multi-Use

Kindergarten Playground

Carol Allegretti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
 E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON:

11/11/18 JK

Children's Center

Office

B	A
---	---

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B	1	1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

**Cafeteria
Kitchen
Multi-Use**

Kindergarten Playground

Carol Allegretti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

**Behavior Team
E**

BRACHER ELEMENTARY SCHOOL
INSPECTED ON: 5/10/18

Bracher Elementary School

2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B A

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B		1 1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

**Cafeteria
 Kitchen
 Multi-Use**

Kindergarten Playground

Carol
Allegretti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON: 11/8/17

Bracher Elementary School

2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B	A
---	---

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center	Computer Lab	Debra Schwee	Angela Sempek	
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B		1 1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

Cafeteria
Kitchen
Multi-Use

Kindergarten Playground

Carol
Allegetti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON 05/02/17

Children's Center

Office

B A

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Meticecchia	Mirza Gutierrez	Jenny Petros
B	1	1 st 2	1 st 3	K/1 4	3rd 5	K B

Michael Goodson	Allen Castillo
G PTA	F YMCA

**Cafeteria
Kitchen
Multi-Use**

Kindergarten Playground

Carol
Allegratti
K A

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON: 11/3/16

Bracher Elementary School

2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

Children's Center

Office

B	A
---	---

	State Preschool	Extended Day	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th 18	5 th 19	5 th 20

G	Supply Room	James Rogers	Michelle DaSilva	Erica Garcia	Dana Jensen (Romagnoli)	Kamie Conner
B		4/5 11	3rd 12	2 nd 13	RS 14	15

Blacktop Playground

G	Couns	D	Book room	Sharon Vergho Library Learning Center		Computer Lab	Debra Schwee	Angela Sempek
B	Cust. Office			6	7	8	2 nd 9	2 nd 10

G	FACULTY ROOM	Amanda Blackman	Chelsea O'Conner	Anna Metichecchia	Mirza Gutierrez	Jenny Petros
B		1 1 st 2	1 st 3	K/1 4	3rd 5	K B

Carol Allegretti
K A

Kindergarten Playground

Michael Goodson	Allen Castillo
G PTA	F YMCA

Cafeteria
 Kitchen
 Multi-Use

School Office

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Tina Vasquez Secretary	Kathy Ferris Clerk		Marie Nomura Psychologist

Behavior Team
 E

BRACHER ELEMENTARY SCHOOL
 INSPECTED ON 05-13-2016

BRACHER ELEMENTARY SCHOOL EVACUATION ROUTES

Bracher Elementary School
 2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

	Children's Center	Children's Center	Extended Day
21	22	23	24

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th / 5 th 18	4 th 19	5 th 20

G	Supply Room	Christine Tapia	Michelle DaSilva	Erika Garcia	Kathy Spaulding	Chau Pham
B		SDC 11	3rd 12	3 nd 13	RS 14	SDC 15

Blacktop Playground

G	Couns	ELD	Book room	Sharon Vergho Library Learning Center	Computer Lab	Debra Schwee	Nalyne Hunt
B	Cust. Office			6	7	8	2 nd / 3 rd 9 2 nd 10

COMMAND CENTER

PTA	YMCA
G	F

**Cafeteria
 Kitchen
 Multi-Use**

G	FACULTY ROOM	Hillarie Cox	Pam Hawkins	Anna Metichecchia	Barbara Atmore	Jenny Petros
B	1	1 st 2	1 st 3	SDC 4	2 nd 5	K B

Kindergarten Playground

Carol Allegretti	
K	A

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Kathy Ferris Attendance	Kathy Mae Secretary		Marie Nomura Psychologist

BRACHER ELEMENTARY SCHOOL
 INSPECTION ON: 11/3/15

BRACHER ELEMENTARY SCHOOL EVACUATION ROUTES

Bracher Elementary School
 2700 Chromite Drive
 Santa Clara CA 95051
 Phone - (408) 423-1200
 Fax - (408) 423-1280

	Children's Center	Children's Center	Extended Day
	21	22	23

G	Computer Lab	Amanda Medley	Lila McIver	Stacey Adams	Susie Tulowitzki
B	16	4 th 17	4 th /5 th 18	4 th 19	5 th 20

G	Supply Room	Christine Tapia	Michelle DaSilva	Erika Garcia	Kathy Spaulding	Chau Pham
B	SDC 11	3rd 12	3 rd 13	RS 14	SDC 15	

Blacktop Playground

G	Couns	ELD	Book room	Sharon Vergho Library Learning Center	Computer Lab	Debra Schwee	Nalyne Hunt
B	Cust. Office			6	7	8	2 nd /3 rd 9
							2 nd 10

COMMAND CENTER

PTA	YMCA
G	F

**Cafeteria
 Kitchen
 Multi-Use**

G	FACULTY ROOM	Hillarie Cox	Pam Hawkins	Anna Metichecchia	Barbara Atmore	Jenny Petros
B	1	1 st 2	1 st 3	SDC 4	2 nd 5	K B
						Carol Allegretti
						K A

Kindergarten Playground

Wayne Leach Principal	Nurse	Copy Room	Lara Smith Speech
Kathy Ferris Attendance	Kathy Mae Secretary		Marie Nomura Psychologist

BRACHER ELEMENTARY SCHOOL
 INSPECTION ON: MAY 5, 2015

Appendix E

Photograph Log

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 1

Description:

View of the northern side of the administration building.

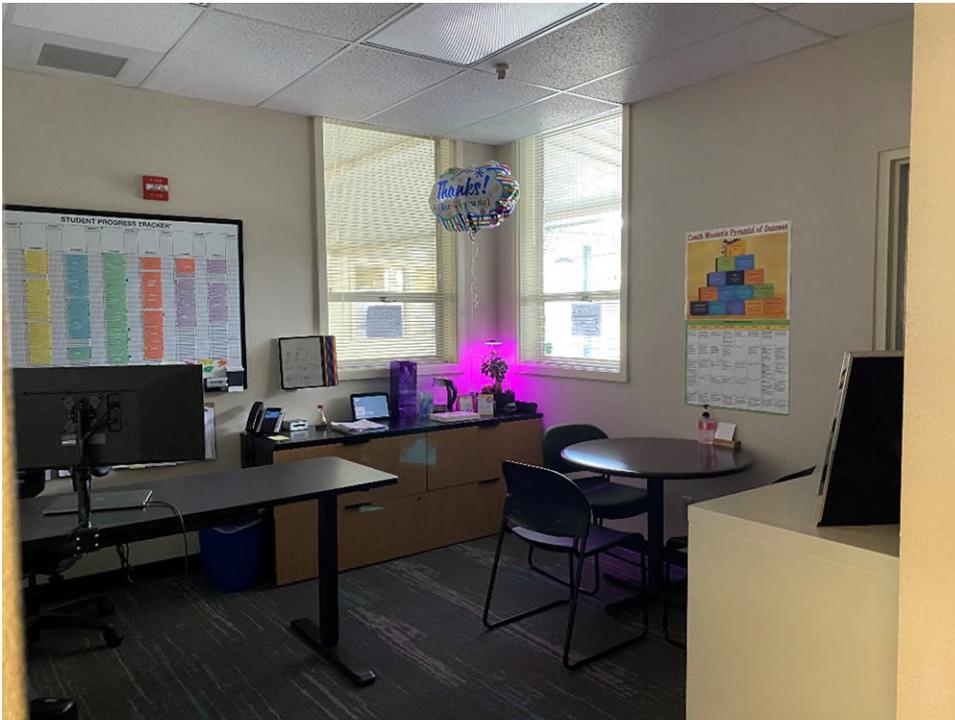
Location:

Northern boundary of the subject property along Chromite Drive

Photograph taken by:

Divya Mehta

Date: 5/2/2023



Photograph: 2

Description:

Example of offices within the administration building.

Location:

Administration Building

Photograph taken by:

Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 3

Description:
Example of floor drains in restrooms.

Location:
Administration building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 4

Description:
Example of heating, ventilation, and cooling (HVAC) utility rooms.

Location:
Administration building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 5

Description:
View of landscaped areas and lunch tables along the southern side of the Administrative Building.

Location:
Northern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 6

Description:
Example of stormwater inlets in the northern portion of the subject property.

Location:
South of the Administration Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 7

Description:
View of the covered walkway between the Administration and Multipurpose buildings.

Location:
Eastern side of the Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 8

Description:
View of the multipurpose room.

Location:
Multipurpose Building looking west.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 9

Description:
View of cafeteria.

Location:
Eastern side of the
Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 10

Description:
Example of sewer
cleanouts in the kitchen
area.

Location:
Eastern side of the
Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 11

Description:
Example of cleaning material storage area.

Location:
Utility room in the Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 12

Description:
Example of condenser units for the HVAC system.

Location:
Southern side of the Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 13

Description:
Example of de minimis staining in the HVAC utility room.

Location:
Eastern side of the Multipurpose Building.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 14

Description:
View of staining and floor breaks in custodial shed.

Location:
Northern portion of the custodial shed.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 15

Description:
Example of custodial cleaning supply storage.

Location:
Southern portion of the custodial shed.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 16

Description:
Example of miscellaneous storage inside portable classrooms.

Location:
Portable Classroom Buildings.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 17

Description:
Example of office space.

Location:
Portable Classroom Buildings.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 18

Description:
View of asphalt-paved recreational area.

Location:
Western side of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 19

Description:
View of electrical panels.

Location:
Southwestern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 20

Description:
View of storage containers.

Location:
Southwestern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 21

Description:
Example of miscellaneous furniture storage.

Location:
Storage containers in the southwestern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 22

Description:
View of the recreational field.

Location:
Central and eastern portion of the subject property looking west.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 23

Description:
View of the southern boundary of the subject property and adjacent residential properties.

Location:
Southern boundary of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 24

Description:
View of soil piles and east-adjacent residences.

Location:
Eastern side of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 25

Description:
View of solid waste dumpsters.

Location:
Northern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023



Photograph: 26

Description:
Example of de minimis amounts of staining in the parking lot.

Location:
Northern portion of the subject property.

Photograph taken by:
Divya Mehta

Date: 5/2/2023

Photograph Log

Bracher Elementary School
2700 Chromite Drive, Santa Clara, California
Our Ref: 30126698



Photograph: 27

Description:

Example of stormwater inlets in the parking lot.

Location:

Northern portion of the subject property.

Photograph taken by:

Divya Mehta

Date: 5/2/2023



Photograph: 28

Description:

Example of distribution power line and north-adjacent residences. Box feature is a battery for unit.

Location:

Northern boundary of the subject property.

Photograph taken by:

Divya Mehta

Date: 5/2/2023

Appendix F

Draft Field Work Notice

DATE: **October 2023**

TO: **Community Members and Neighbors of the Bracher
Elementary School Campus, Santa Clara, California, 95051**

FROM: **Santa Clara Unified School District
1889 Lawrence Road
Santa Clara, California 95050**

RE: **Supplemental Sampling Investigation for the Bracher
Elementary School Campus Project**

We would like to provide you with advance notice of a preliminary environmental assessment (PEA) that will be conducted for the Bracher Elementary School Project located at 2700 Chromite Drive in Santa Clara, California.

The environmental assessment program will be performed by a licensed contractor under the oversight of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). Although an environmental assessment will be conducted, this does not mean hazardous substances are located on this property. State laws require that all proposed new and expanding school sites undergo a complete environmental review, and if necessary, a cleanup to protect students, faculty and staff who will occupy the school.

Field work is scheduled to occur during the day in Winter 2024 and is expected to be completed within 5 days. All field work will be conducted during normal business hours, and street closures will not be required during the investigation.

The District will submit the results of the Preliminary Environmental Assessment (PEA) as a draft to DTSC for review and approval of a final draft. The PEA will include an assessment of whether hazardous materials are present and, if so, whether the materials are present at concentrations that would require some type of cleanup before implementing the school construction project. The District will hold a 30-day public review and comment period on the draft PEA. Additionally, the District will hold a public hearing to discuss the investigation results and receive comments from the public. All comments received in this process shall be forwarded to DTSC for consideration.

The draft PEA will be made available for review at two District repositories. Notice of the start of the 30-day review period, date of public hearing, and location of repositories will be published in a local paper of general circulation. When the public participation process is complete, DTSC will issue a final determination with regard to the PEA.

If you have any questions concerning the upcoming PEA, please contact Ms. Melissa Kersh, Project Manager for Facility Development Planning, Santa Clara Unified School District, at (408) 423-2148 or mkersh@scusd.net.

Arcadis U.S., Inc.
101 Creekside Ridge Court, Suite 200
Roseville
California 95678
Phone: 916 786 0320
Fax: 916 786 0366
www.arcadis.com

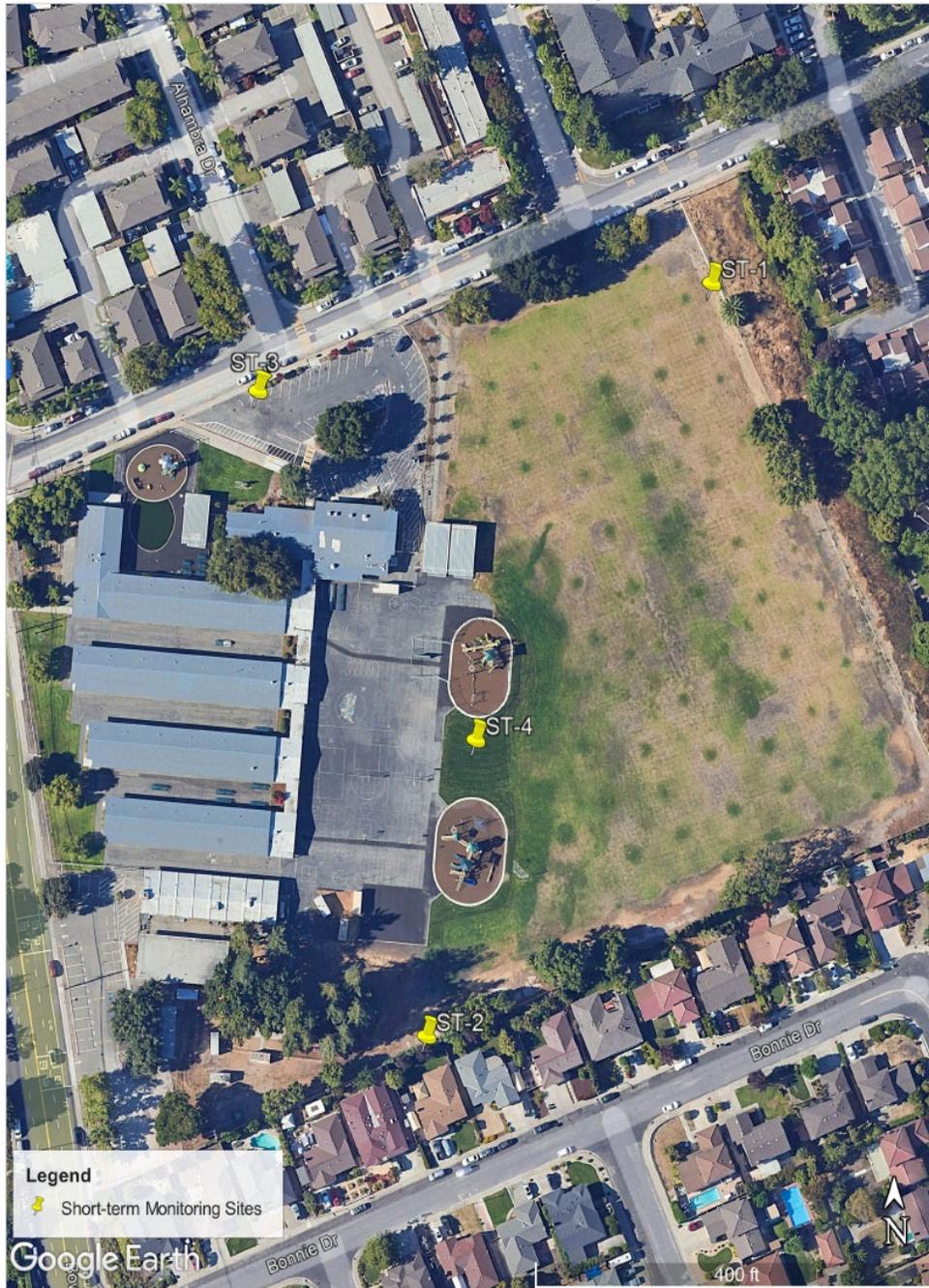
Appendix F: Ambient Noise Monitoring Data

**Bracher Elementary School Campus
Santa Clara, CA**

**Ambient Noise Monitoring Data
Prepared by MIG**

TABLE 2: SUMMARY OF SHORT-TERM NOISE MONITORING DATA												
Site	Date	Time	Duration	Leq	Lmin	Lmax	L(01)	L(08)	L(16)	L(25)	L(50)	L(90)
ST-1	4/12/2023	8:45 AM	10 minutes	50.3	46.4	58.2	53.6	52.4	51.6	51.1	50.0	48.2
ST-2	4/12/2023	9:05 AM	55 minutes	53.5	45.2	70.8	59.2	56.3	55.0	54.0	52.2	50.3
ST-3	4/12/2023	7:35 AM	50 minutes	58.5	47.7	78.4	62.7	61.6	61.3	59.5	57.7	54.8
ST-4	4/12/2023	10:10 AM	10 minutes	68.8	50.0	83.1	72.9	71.7	71.4	69.7	68.1	65.0

Ambient Noise Monitoring Sites



**Appendix G: Transportation Analysis
Memorandum Hexagon
Transportation Consultants,
Revised December 2, 2024**



Memorandum

Date: December 2, 2024

To: Christine Lau, MIG

From: Robert Del Rio, T.E.
Daniel Choi

Subject: Transportation Analysis for the Proposed Master Plan for the Bracher Elementary School (Santa Clara Unified School District) in Santa Clara, California

Hexagon Transportation Consultants, Inc. has completed a transportation analysis for the Master Plan for the Bracher Elementary School in Santa Clara, California. The project site is located at the southeast corner of Bowers Avenue and Chromite Drive (see Figure 1).

Project Description

The Bracher Elementary School Master Plan is part of the school district's master plan update for four existing elementary schools in the City of Santa Clara. These schools include the following:

- Bracher Elementary School
- Briarwood Elementary School
- Westwood Elementary School
- Scott Lane Elementary School

As part of the master plan for each school, each site will include modernization, reconfiguration, and/or expansion for each campus. The campus adjustments may result in reconfiguration and/or addition of parking along with adjustments to access and circulation. The intent of the Master Plan is to modernize the campus and update facilities for current and project school needs. The Master Plan supports an overall decrease in student population across the four sites. Currently, funding is only identified for Phase 1. Phase 1 of the project will be funded with general obligation bond Measure BB funds approved by voters in 2018, statutory developer fees, and other capital improvement funds. The other improvements identified in the Master Plan will be completed as funding is secured for each phase.

The Bracher Elementary School Master Plan will be carried out in multiple phases and would increase the number of classrooms from 27 to 35, increase the number of staff from 87 to 95, and increase the student capacity from 665 to 870. In addition, the master plan proposes changes to the parking lot and student drop-off areas.

Scope of Analysis

The transportation analysis consists of a Vehicle Miles Traveled (VMT) assessment pursuant to Senate Bill (SB) 743, the California Environmental Quality Act (CEQA) 2019 Update Guidelines Section 15064.3, subdivision (b) which states that VMT will be the metric in analyzing transportation impacts for land use projects for CEQA purposes.



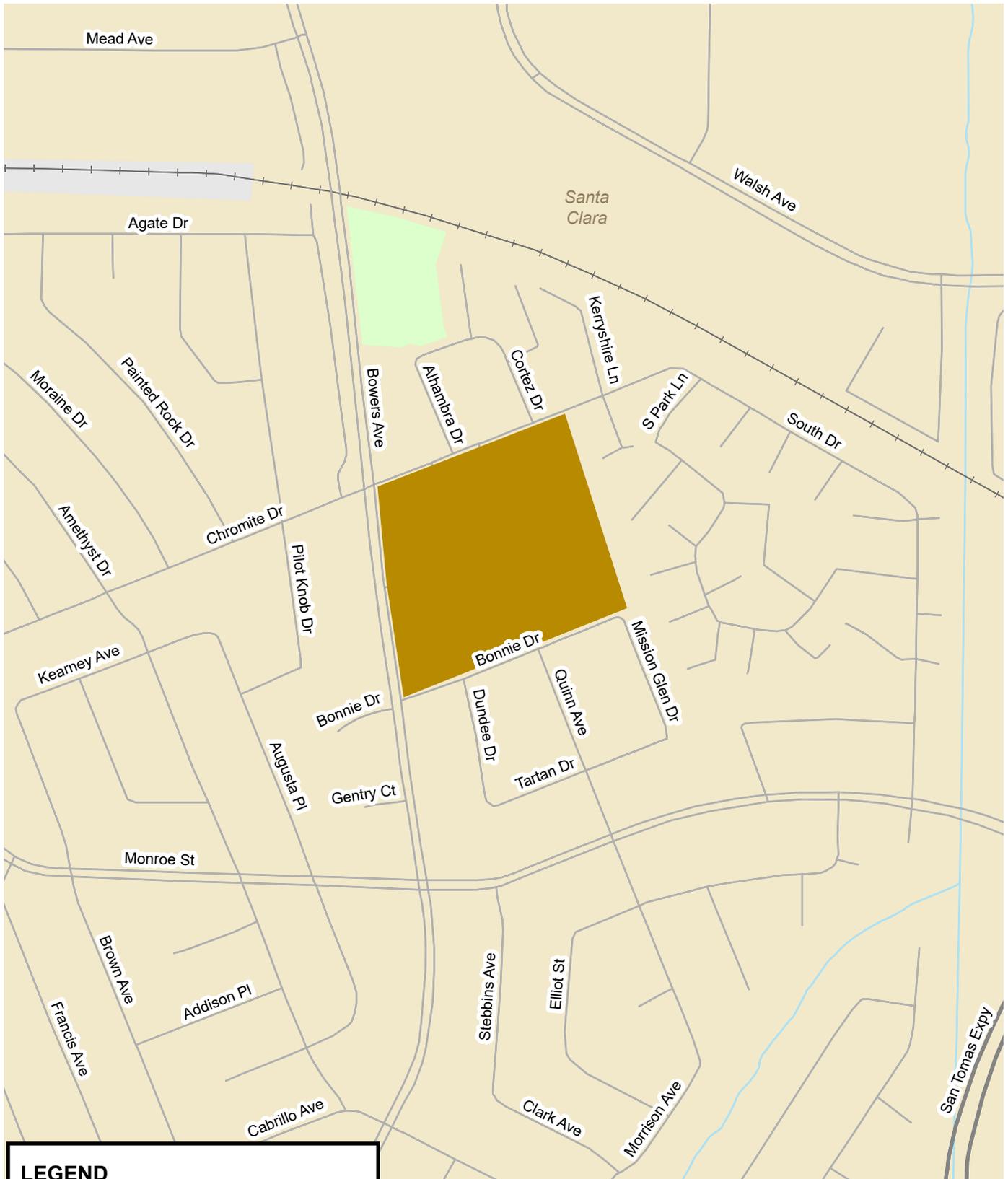


Figure 1
Site Location

The Santa Clara Unified School District has not adopted any analysis procedures, standards, or guidelines consistent with SB 743. In the absence of an adopted policy specific to the school district with impact thresholds, this assessment relies on guidelines published by the Governor's Office of Planning and Research (OPR) Technical Advisory on Evaluating Transportation Impacts in CEQA, December 2018 and the City of Santa Clara policies.

The VMT assessment for students includes a qualitative analysis that considers the planned Bracher Elementary increases in students and staff along with its attendance boundary as well as the cumulative effect of the master plans for the four school sites district-wide. The VMT assessment for staff members and employees for Bracher Elementary includes a quantitative assessment using the Santa Clara Countywide VMT Evaluation Tool. In addition, a supplemental operational analysis to determine potential adverse effects of the Bracher Elementary School Master Plan improvements to the local transportation network is provided. Separate operational analysis for each of the four elementary school sites will be prepared to determine any adverse effects of each school master plan.

Vehicle Miles Traveled

The school district has not adopted a policy regarding vehicle miles traveled. In the absence of a VMT policy, this study will utilize the City of Santa Clara's adopted VMT policy. The City of Santa Clara's adopted VMT policy identifies screening criteria that determine whether a CEQA transportation analysis would be required for projects. The criteria are based on the type of project, characteristics, and/or location. If a project meets the City's screening criteria, it is presumed that the project would result in a less-than-significant transportation impact and a detailed VMT analysis is not required. The type of projects that may meet the screening criteria include the following:

- Small Projects (generating 110 daily trips or less)
- Retail uses of 50,000 square feet or less ("Local Serving Retail")
- Local serving public projects such as fire stations, neighborhood parks, libraries, and community centers
- 100% Affordable Housing projects
- "Transit Supportive Projects." A project will qualify as a Transit Supportive Project if it meets the following requirements:
 - The Project is located within ½ mile of an existing Major Transit Stop or an existing transit stop along a High-Quality Transit Corridor
 - For Office/R&D projects, a minimum Floor Area Ratio of 0.75
 - For Residential projects, a minimum density of 35 units/acre
 - Project promotes multimodal transportation networks
 - Project includes transit-oriented design elements
 - No excess parking: the project does not include more parking for use by residents, customers, or employees of the project than required by the City Code
 - No loss of affordable dwelling units: the project does not replace affordable residential units with a smaller number of affordable units, and any replacement units are at the same level of affordability

Evaluation of Screening Criteria

Public schools are excluded from the screening criteria. Therefore, the proposed Master Plan and its increase in students and staff is not screened from completing a VMT evaluation. The project is located within ½ mile of an existing high-quality transit corridor. However, the lack of transit-oriented

design elements and excess number of parking spaces excludes the project from the screening criteria. Therefore, the project is required to evaluate potential environmental impacts with the thresholds of significance described in the city’s adopted VMT policy.

Student VMT Analysis

The city’s adopted VMT policy does not specify significance thresholds for public school projects. Therefore, in consultation with city staff, the student VMT analysis consists of a qualitative assessment of the proposed increases in student capacity for the Bracher Elementary site as well as the cumulative effect on VMT for the four elementary school master plans and the combined decrease in student capacity along with the school’s and district’s attendance boundaries. Since teachers and staff members are akin to office workers, staff VMT consists of a quantitative assessment using the Santa Clara Countywide VMT Evaluation Tool.

The Master Plan for the Bracher Elementary School site would allow for an increase in student enrollment capacity from 665 to 870 students. However, the proposed Master Plans for the four elementary schools would cumulatively decrease the combined total enrollment capacity at the four school sites by 32 students. A summary of the proposed classrooms and maximum student enrollment capacity for each site is shown on Table 1.

**Table 1
Summary of Proposed Classrooms and Student Enrollment Capacity**

Location	Existing Classrooms	Proposed Classrooms	Existing Student Capacity	Proposed Student Capacity	Change to Student Capacity
Bracher	27	35	665	870	205
Briarwood	32	23	795	563	-232
Westwood	35	27	746	584	-162
Scott Lane	32	38	781	938	157
Combined Total			2,987	2,955	-32

Public schools typically have an attendance boundary that identifies a student’s designated school based on where the student resides. The school district map and its boundaries are shown in Figure 2. The school district is not proposing any changes to its current district or individual school attendance boundaries. It should be noted that the school district maintains an open enrollment policy which allows students to attend any school within the school district regardless of their school of residence provided there is space. Therefore, it can be assumed that most students that would attend each of the four elementary schools would continue to reside and commute from within the school district boundaries. Based on the established attendance boundaries, changes to the number of students at each school or neighborhoods where students would reside within the attendance boundaries would not significantly change the length of student trips and resulting average student VMT.

Based on the locations of other elementary schools and the school district’s attendance boundaries, it is estimated that a majority of the students attending the Bracher Elementary site would reside within one-half mile of the project site (see Figure 2). Based on the District’s open enrollment policy, some students could reside in other areas within the greater school district boundaries (approximately 5 miles). However, the number of students that could reside outside of the Bracher Elementary attendance boundary would be small when compared to the total student population

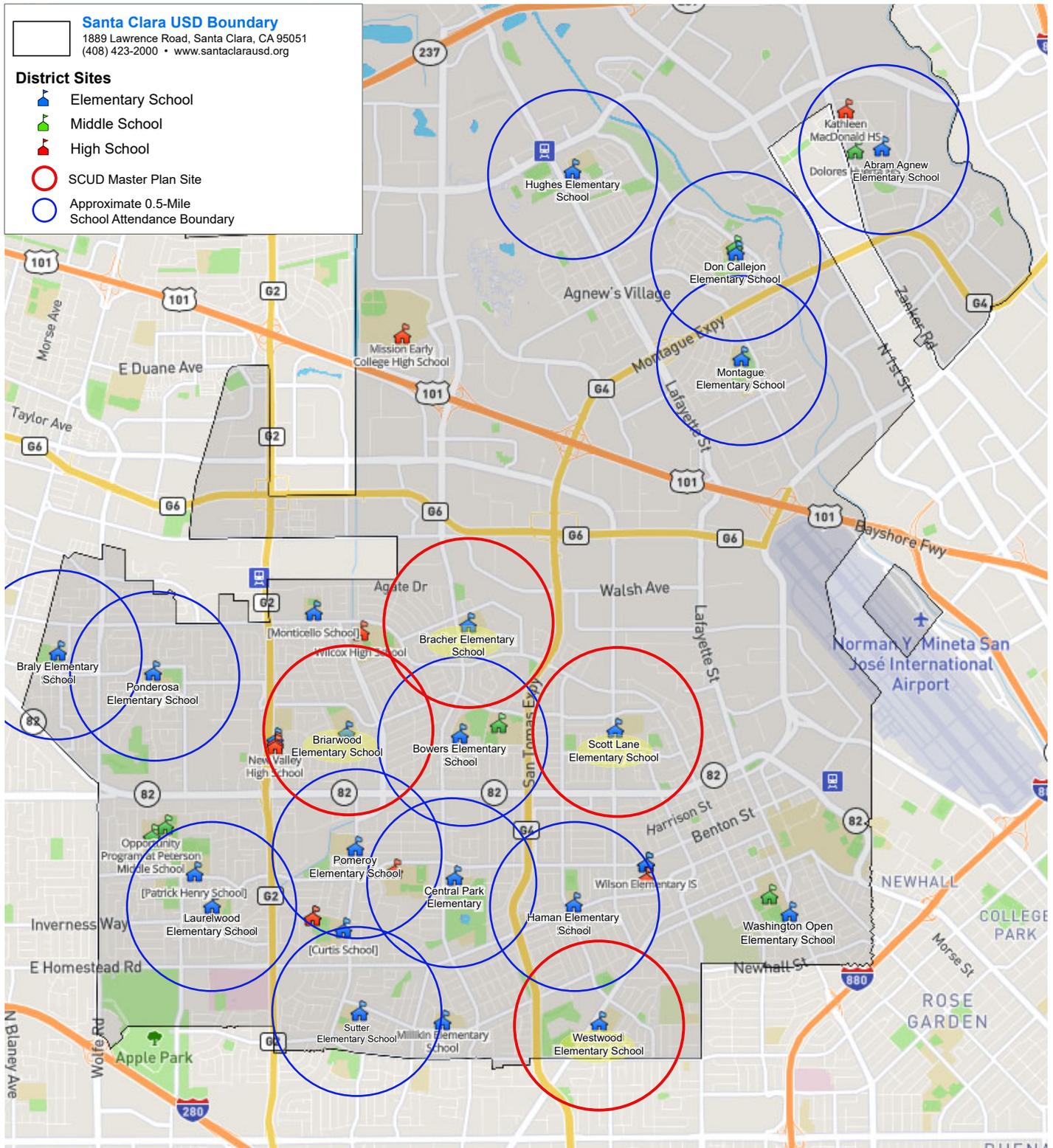


Figure 2
 Santa Clara Unified School District Boundaries

and have minimal effect on the overall average trip length of students at Bracher Elementary School. Therefore, it can be concluded that the planned increase in student enrollment capacity at the Bracher Elementary School would not result in a significant increase in student trip length and VMT. In addition, the cumulative decrease in student enrollment capacity as a result of the four Master Plans for the four elementary schools would result in a district-wide decrease in VMT and a less than significant impact on VMT.

Staff VMT Analysis

Since the residences of staff members are not restricted by the school attendance boundaries, staff trips could originate from outside of the school district boundaries, the Santa Clara Countywide

VMT Evaluation Tool was used to determine the VMT per employee for Bracher Elementary School. The inputs used for the VMT Evaluation Tool are Office Land Use and the VMT metric used for this analysis is home-based work VMT per worker. Thus, the evaluation of school staff VMT is completed by converting the trips estimated to be generated by the school staff to an equivalent amount of office square footage. This is a reasonable approach since trips generated by school employees would have similar trip-making characteristics (origin/destination and length of trips) as typical office employees.

The estimated number of daily trips generated by the school staff was converted into an equivalent amount of office space using trip generation estimates based on trip rates published in the Institute of Transportation Engineers’ (ITE) *Trip Generation Manual, 11th Edition* (2021). The Bracher Elementary School Master Plan proposes up to 95 staff members at full buildout, an increase from the existing 87 staff members. Assuming each school employee generates two daily trips, the proposed 8 additional school employees for the Bracher Elementary School site at buildout are expected to generate 16 daily trips, which is equivalent to the trips estimated to be generated by 1,500 s.f. of office space. Table 2 presents the school staff to office equivalency calculation.

**Table 2
Office Equivalency Calculation**

Land Use	Size	Daily	
		Rate	Trip
#520 - Elementary School	8 Employees	2.000	16
#710 - General Office Building	1,500 Square Feet	10.840	16

Source: ITE Trip Generation Manual, 11th Edition 2021.

For employment uses, the City of Santa Clara has established a threshold of significance at 15% below the existing Countywide average VMT per employee. This equates to a threshold of significance of 14.14 VMT per employee (based on an existing countywide average VMT of 16.64). Therefore, any office project which exceeds this threshold would have a significant impact on VMT. If a project is found to have a significant impact on VMT, the impact must be reduced by modifying the project to reduce its VMT to an acceptable level (below the established thresholds of significance applicable to the project) and/or mitigating the impact.

VMT of Existing Land Uses

The results of the VMT analysis using the VMT Evaluation Tool indicate that the existing VMT for office uses in the project vicinity is 15.67 per employee. Attachment A presents the VMT Evaluation Tool summary report for the project.

Project-Level VMT Impact Analysis

The City's Transportation Analysis Policy identifies an impact threshold of 15% below the countywide average per-employee VMT of 16.64. Thus, the proposed project would result in a significant impact if it results in project VMT of greater than 14.14 VMT per employee.

The results of the VMT evaluation, using the Santa Clara Countywide VMT Evaluation Tool, indicate that the proposed project is projected to generate VMT per employee (15.06) that would exceed the established impact threshold. Therefore, the employees of the proposed project would have an impact on the transportation system based on the City's VMT impact criteria.

Project Impacts and Mitigation Measures

Project Impact: Since the VMT generated by the project (15.06 per employee) would exceed the threshold of 14.14 VMT per employee, the project would result in a significant transportation impact on VMT, and mitigation measures are required to reduce the VMT impact.

The project could implement Transportation Demand Management (TDM) measures to reduce the VMT per employee to below the established impact threshold.

Mitigation Measures: Based on the TDM programs included in the VTA VMT Evaluation Tool, it is recommended that the project implement the following mitigation measures to reduce the significant VMT impact.

- **CTR Marketing and Education:** Commute trip reduction and education would bring awareness and encourage employees of the project to use alternative transportation modes. Providing information and encouragement to alternative modes can reduce single drive-alone trips and reduce VMT.
- **Alternative Transportation Benefits:** Commute trip reduction and education would bring awareness of alternative transportation means to employees of the proposed project. Employees would consider using alternative transportation and benefits that they did not know was available to them.

The implementation of the mitigation measures would reduce the VMT generated by the project by encouraging the use of alternative transportation and reducing single occupant drive-alone trips. The implementation of the above mitigation measures would reduce the project VMT to 11.30 per employee, which is below the threshold of 14.14 per employee, reducing the project impact to less than significant. Appendix A presents the VMT Evaluation Tool summary report for the project with the mitigation measures.

Local Transportation Analysis

A local transportation analysis (LTA) supplements the VMT analysis and identifies transportation and traffic operational issues that may arise due to a development project. The LTA includes an evaluation of the effects of the project on transportation, access, circulation, and related safety elements in the proximate area of the project.

The LTA includes the evaluation of weekday AM, School PM, and PM peak hour operations at a limited number of intersections for the purpose of identifying operational issues (queuing, signal operations, and potential multi-modal issues) at intersections in the vicinity of the project site. The LTA is required per the City of Santa Clara Transportation Policy, however, any operational deficiencies identified as part of the LTA are not considered impacts per CEQA guidelines.

Site Description

The Bracher School site is located at the southeast corner of the Bowers Avenue and Chromite Drive intersection. The master plan would be carried out in multiple phases. During phase 1-B and all phases of the master plan, primary access to the school would continue to be provided along Chromite Drive, with the existing entry driveway reconstructed into a bus drop-off only lane and a new two-way driveway constructed along Chromite Drive. Another new two-way driveway would provide access to a separate parking lot for transitional kindergarten and preschool parking. Figures 3 through 4 show the proposed site plan during phase 1-B and full buildout of development.

Trip Generation

Trip generation estimates for the proposed project were based on trip rates published in the Institute of Transportation Engineers’ (ITE) *Trip Generation Manual*, 11th Edition for “Elementary School” (Land Use 520) located in a general Urban/Suburban area. The trip generation estimate represents the increase (205) in maximum number of students (from 665 to a maximum of 870 students). Based on the ITE rates, the increase in maximum number of students would generate 465 additional daily trips including 152 AM peak-hour trips (82 inbound and 70 outbound), 92 school PM peak-hour trips (42 inbound and 50 outbound) and 33 PM peak-hour trips (15 inbound and 18 outbound) (see Table 3).

**Table 3
Trip Generation**

Land Use	Size	Daily		AM Peak Hour			School PM Peak Hour			PM Peak Hour					
		Rate	Trip	Rate	In	Out	Total	Rate	In	Out	Total	Rate	In	Out	Total
Proposed Land Uses															
#520 - Elementary School	205 Students	2.27	465	0.74	82	70	152	0.45	42	50	92	0.16	15	18	33

Source: ITE Trip Generation Manual, 11th Edition 2021.

Operational Analysis

An operational analysis was conducted at the intersections of Bowers Avenue/Chromite Drive. The operational analysis includes an evaluation of level of service during the AM, School PM, and PM peak hours. The purpose of the operational analysis is to determine whether there are any existing deficiencies at this location that may be worsened with the implementation of the school Master Plan.

Trip Assignment and Distribution

The directional distribution of site-generated traffic to and from the project site was estimated based on the surrounding roadway network and the location of the project driveways and the location of residential areas. The net additional peak-hour project trips associated with the proposed school



Figure 3
Phase 1 Development



Figure 4
Full Buildout Development

were added to the transportation network in accordance with the distribution pattern. The project trip distribution pattern and assignment of project trips at the Bowers Avenue/Chromite Drive intersection under existing plus project conditions are shown on Figure 5.

Intersection Level of Service Analysis

Traffic conditions at the intersection of Bowers Avenue/Chromite Drive were analyzed for the weekday AM and PM peak hours of traffic. The weekday AM peak hour of traffic generally falls within the 7:00 AM to 9:00 AM period and the weekday PM peak hour is typically in the 4:00 PM to 6:00 PM period. It is during these times that the most congested traffic conditions occur on a typical weekday. The weekday School PM peak hour of traffic occurs around the school's dismissal time and generally falls within the 1:00 PM to 3:00 PM.

Existing traffic volumes at the study intersections were obtained from new traffic counts in April 2024. Level of service was evaluated using TRAFFIX, which utilizes the Highway Capacity Manual (HCM) 2000 methodology.

Signalized Intersections

The City of Santa Clara evaluates level of service at signalized intersections based on the *2000 Highway Capacity Manual (HCM)* level of service methodology. This HCM method evaluates signalized intersection operations on the basis of average control delay time for all vehicles at the intersection. This average delay can then be correlated to a level of service. The City uses a minimum acceptable level of service standard of LOS D for signalized intersections.

Level of Service Results

The results of the intersection level of service analysis show that the study intersection of Bowers Avenue and Chromite Drive currently operates at acceptable LOS D or better conditions and would continue to operate at acceptable LOS D or better conditions with the addition of project traffic during the AM and PM peak hours.

Based on the results of the intersection level of service analysis, the project would not have an adverse effect on operations at the Bowers Avenue and Chromite Drive intersection.

Site Access

Site access during phase 1-B and full buildout of the Master Plan would remain the same. Primary site access will be provided via driveways along Chromite Drive. The existing inbound driveway would be reconstructed and used only for bus drop-off. A new two-way driveway would be constructed for the elementary school parking lot and drop-off area. A second new two-way driveway would be constructed for the transitional kindergarten and preschool parking lot. While the two parking lots are adjacent to each other, vehicle access is separate between the two parking lots. The parking lot near the southwest corner of the project site would be reconstructed and designated for staff parking only. Figure 6 shows the number of gross project trips at the project driveway.

Driveway Design and Sight Distance

The Master Plan indicates that the primary driveway that will provide access to the elementary school parking lot and drop-off area will be located opposite of Cortez Drive. The preliminary site plans are unclear of the driveway width but should provide at least 24 feet in width at the throat in order to provide adequate width for two-way operations. A stop sign and stop bar should be

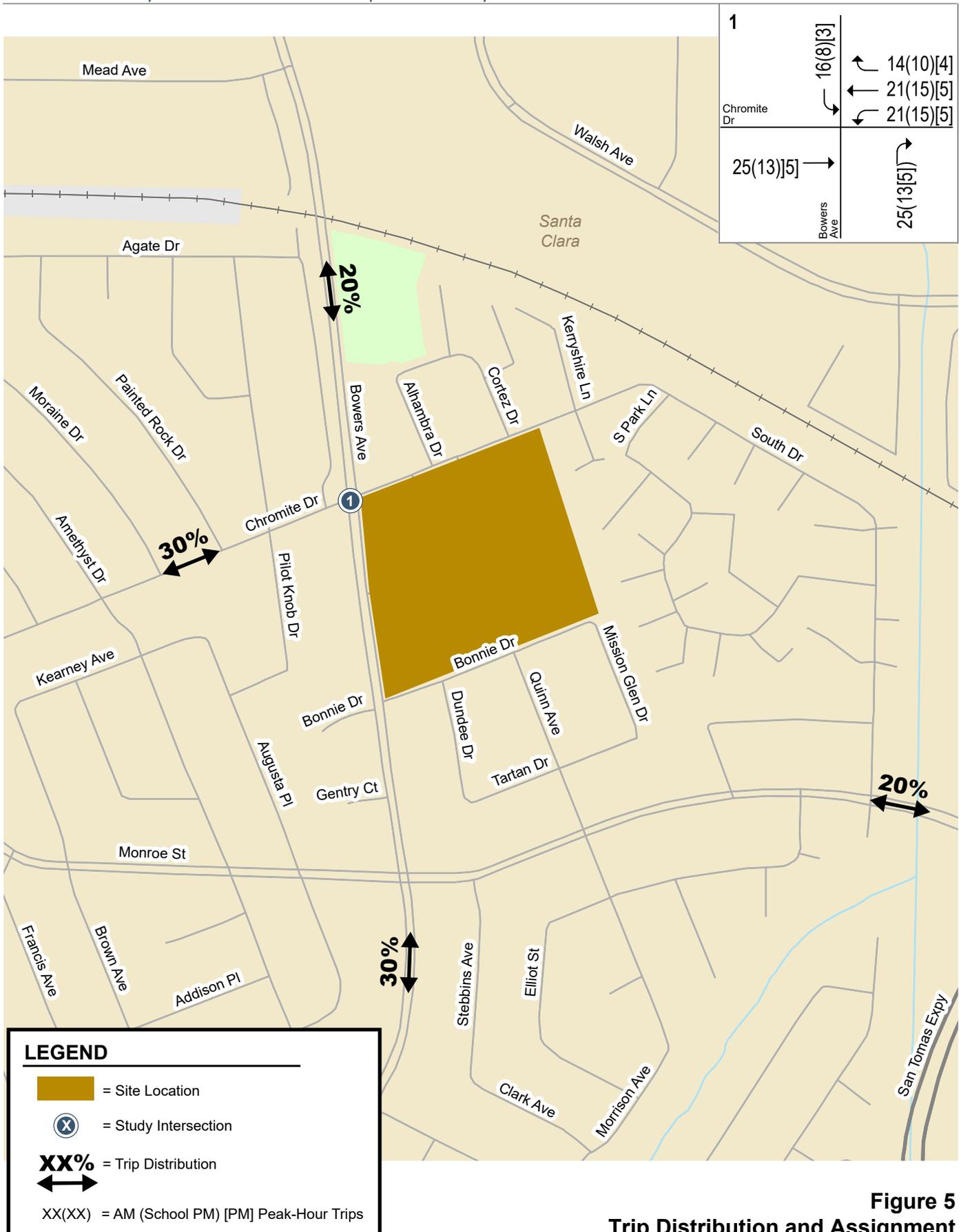


Figure 5
Trip Distribution and Assignment

LEGEND

- = Site Location
- X = Study Intersection
- XX%** = Trip Distribution
- = Trip Distribution
- XX(X) = AM (School PM) [PM] Peak-Hour Trips



LEGEND	
XX(XX)[XX]	= AM(School PM)[PM] Peak-Hour Trips

Figure 6
Site Access and Circulation

provided at the project driveways along Chromite Drive to ensure exiting drivers stop for vehicles along Cortez Drive as well as Chromite Drive.

The Master Plan shows that a secondary driveway along Chromite Drive that will provide access to the transitional kindergarten/preschool parking lot just east of the primary driveway. The preliminary site plans are unclear of the driveway width but should provide at least 24 feet in width at the throat in order to provide adequate width for two-way operations. Additionally, the proposed project driveways should be located at least 24 feet apart in accordance with Santa Clara City Code.

The Master Plan also indicates a driveway along Bowers Avenue for the staff parking lot located near the existing exit-only driveway. It is assumed the existing driveways along Bowers Avenue would be removed and the existing exit-only driveway would be reconstructed to a full-access driveway. The preliminary site plans are unclear of the driveway width but should provide at least 24 feet in width at the throat in order to provide adequate width for two-way operations.

Providing the appropriate sight distance reduces the likelihood of a collision at a driveway or intersection and provides drivers with the ability to locate sufficient gaps in traffic. Sight distance generally should be provided in accordance with Caltrans standards. The minimum acceptable sight distance is often considered the Caltrans stopping sight distance. Sight distance requirements vary depending on the roadway speeds. For Chromite Drive, which has a speed limit of 25 mph, the Caltrans stopping sight distance is 200 feet (based on a design speed of 30 mph). This means that a driver must be able to see 200 feet down Chromite Drive to locate a sufficient gap to turn out of the project driveway. This also gives drivers traveling along Chromite Drive adequate time to react to vehicles exiting the project driveway. No obstructions block an exiting driver's vision along either direction of Chromite Drive. Red curb equal to at least one car length should be painted adjacent to both driveways to prohibit on-street parking in order to ensure adequate sight distance. Due to the lack of obstructions along Chromite Drive, it can be concluded that sight distance is adequate at the main exit driveway.

Recommendation: A stop sign and stop bar should be provided at the project driveways along Chromite Drive to ensure exiting drivers stop for vehicles along Cortez Drive as well as Chromite Drive.

On-Site Vehicular Circulation and Parking Layout

On-site vehicular circulation was reviewed in accordance with generally accepted traffic engineering standards. The on-site vehicular circulation during drop-off and pick-up hours allows all students to be dropped off or picked up at the curb during phase 1-B and full buildout of the Master Plan development. The student drop-off and pick-up area located near the south side of the parking lot area removes the need for students to walk through the parking lot areas.

Master Plan Buildout

On-site vehicular circulation and parking layout would remain the same from phase 1 and full buildout of the master plan. The conceptual plans are unclear on the width of each of the parking lot drive aisles. The proposed Master Plan shows a designated drop-off/pick-up lane that is separated from the angled parking spaces in the parking lot. The preliminary site plan is unclear on the width of the drop-off/pick-up lane. The drop-off/pick-up lane should be designed to be at least 24 feet in width so that vehicles at the curb can pull out and go around cars parked at the curb once a student has been dropped off or picked up.

Parking Stall Dimensions

The conceptual plans are unclear on the size of each parking space but are shown to be of the same size. Both phases of the Master Plan indicate that 96 parking spaces will be provided on the school site within the main parking lot and the transitional kindergarten/preschool parking lot. The preliminary site plan shows 27 parking spaces on the school site for the staff parking lot during all phases of the Master Plan. The City of Santa Clara requires a minimum of one parking space per classroom or office. The conceptual plans show adequate parking for the number of proposed classrooms during all master plan phases.

Truck Access and Circulation

The project site plan was reviewed for truck access including delivery trucks, garbage trucks, and emergency vehicles.

Delivery operations would occur within the parking lot areas of the school site. Any deliveries should occur during off-peak hours. Emergency vehicle access is provided along Bowers Avenue and Chromite Drive.

Dumpsters will be located in the parking lot. In order to not block the parking area and drop-off area, garbage collection vehicles should only pick up trash at off peak hours; either before the student drop-off period, during class hours, or after the student pick-up period ends.

Pick-up and Drop-off Operations

The Master Plan proposes up to 870 students and up to 95 staff members. Typical school hours would begin at 8:15 am. Dismissals are staggered from 1:30-2:35 pm, depending on grade level. The staggered dismissal times are beneficial for pick-up operations. During all phases of the Master Plan, vehicles would enter the primary driveway along Chromite Drive to access the drop-off/pick-up lane. Vehicles would navigate through the parking lot to the drop-off area. The conceptual plans are not clear on the drive aisle width of the elementary school drop-off lane. It is recommended two lanes to be provided: one at the curb, facilitating loading and a through lane for vehicles to pull out once their student has been dropped off or picked up. All vehicles would then exit the school site onto Chromite Drive.

It is estimated that the on-site drop-off/pick-up area provides space for at least 10 vehicles to drop-off and pick-up students simultaneously. The existing curb space along Bowers Avenue for passenger loading will be removed.

Based on the project trip generation estimates, it is estimated that approximately 348 vehicles would enter the drop-off area during the AM peak-hour (highest peak hour) (See Table 4). An average of up to 12 vehicles per minute would arrive for drop-off in the morning when assuming that approximately 50% of the student drops-off/pick-ups will occur within the peak 15-minute period. No queueing would be expected to occur with the 10-vehicle capacity in the drop-off/pick up areas assuming unloading time of no more than 30 seconds per vehicle.

**Table 4
Gross Trips at Project Driveway**

Land Use	Size	Daily		AM Peak Hour			School PM Peak Hour			PM Peak Hour					
		Rate	Trip	Rate	In	Out	Total	Rate	In	Out	Total	Rate	In	Out	Total
Proposed Land Uses															
#520 - Elementary School	870 Students	2.27	1,975	0.74	348	296	644	0.45	180	212	392	0.16	64	75	139

Source: ITE Trip Generation Manual, 11th Edition 2021.

Recommendation: It is recommended that a second through lane be provided in the on-site drop-off/pick-up aisle to allow vehicles to pull out once students are dropped off or picked up.

Recommendation: It is recommended that school staff or parent volunteers be stationed along the drop-off area to assist students in and out of vehicles and improve drop-off procedures efficiency. School staff should ensure that students do not unload outside of the designated loading zone.

Recommendation: The loading lane should be designed to provide the maximum loading area possible. At least 10 vehicles should be accommodated within the on-site drop-off area.

Recommendation: Measures should be taken to ensure the efficient and safe loading/unloading of the students. It is recommended that the drop-off/pick-up area be well defined with implementation of appropriate signage and pavement markings clearly showing the student loading zone and each vehicle position. Additionally, staff should ensure that students leave and board via the passenger side of the vehicle and that students do not cross the loading zone drive aisle unattended.

Pedestrian and Bicycle Access and Circulation

Some of the students may walk or ride their bike to school. Pedestrian facilities in the study area consist primarily of sidewalks and crosswalks at intersections. The residential neighborhood in the vicinity of the school site has continuous sidewalks along most roadways. The intersection of Bowers Avenue and Chromite Drive has yellow standard crosswalks along all four approach legs due to its proximity to Bracher Elementary School. The intersections of Alhambra Drive and Cortez Drive with Chromite Drive feature high-visibility crosswalks (ladder-style crosswalk) due to their proximity to the school. ADA-compliant curb ramps are provided at the southwest and southeast corners of the Bowers Avenue and Chromite Drive intersection. However, the ramps at the crosswalks on the northeast and northwest corners as well as the Alhambra Drive and Cortez Drive intersections do not currently have ADA-compliant curb ramps.

There are no dedicated striped bike lanes along the project frontages on either Bowers Avenue or Chromite Drive. Bowers Avenue along the project frontage is a designated bike route with sharrows and D11-1 (bike route) signs.

Signage and Striping Requirements for Schools

Various school area signs and pavement markings are currently located along Chromite Drive in the project vicinity. These include the following:

- High visibility crosswalks (yellow crosswalk with longitudinal lines) at the intersections of Alhambra Drive/Chromite Drive (west leg only) and Cortez Drive/Chromite Drive (north and west legs).

- Yellow crosswalks at the intersection of Bowers Avenue/Chromite Drive (all approach legs).
- California Manual on Uniform Traffic Control Devices (CA MUTCD) school zone sign assemblies S1-1 and W16-9P (school crossing ahead sign) along Chromite Drive.
- California Manual on Uniform Traffic Control Devices (CA MUTCD) school zone sign assemblies S4-3P, R2-1 and S4-2P (school speed limit assembly) on mast arms with flashing lights along Bowers Avenue.

The locations of the existing school signs and pavement markings are shown on Figure 7. Installation of new signage and additional traffic studies or surveys may be needed to conform with requirements set forth by the CA MUTCD and California Vehicle Code (CVC).

Recommendation: Section 7A.02 of the CA MUTCD recommends that a safe routes to school plan be prepared by the City of Santa Clara to fully identify pedestrian routes and address existing deficiencies to the pedestrian network. The study would identify the need for improvements such as the following:

- New high-visibility crosswalks at Bowers Avenue and Chromite Drive intersection.
- All-way stop-control at the Alhambra Drive/Chromite Drive and Cortez Drive/Chromite Drive intersections.
- Advanced limit lines with proper signage before all yellow crosswalks to increase pedestrian visibility to drivers.
- Curb-extensions to shorten pedestrian crossing distances and/or install Rectangular Rapid Flashing Beacons (RRFB) Pedestrian Crosswalk systems along with proper signage and roadway striping including R1-5 (Yield Here to Pedestrians) signage at the Alhambra Drive/Chromite Drive and Cortez Drive/Chromite Drive intersections.
- Speed limit reduction to 15 or 20 mph on Chromite Drive

Recommendation: As shown on Figure 7, school zone sign assemblies [S1-1 and S4-3P] or school warning assembly A [SW24-1 (CA)] are not provided in advance of the school speed limit assemblies along Bowers Avenue. Additionally, school zone sign assemblies [S1-1 and S4-3P] or school warning assembly A [SW24-1 (CA)] are not provided in advance of the school zone along Chromite Drive. The City may want to conduct a full review of existing traffic control devices in the project vicinity to ensure conformity with CA MUTCD standards.

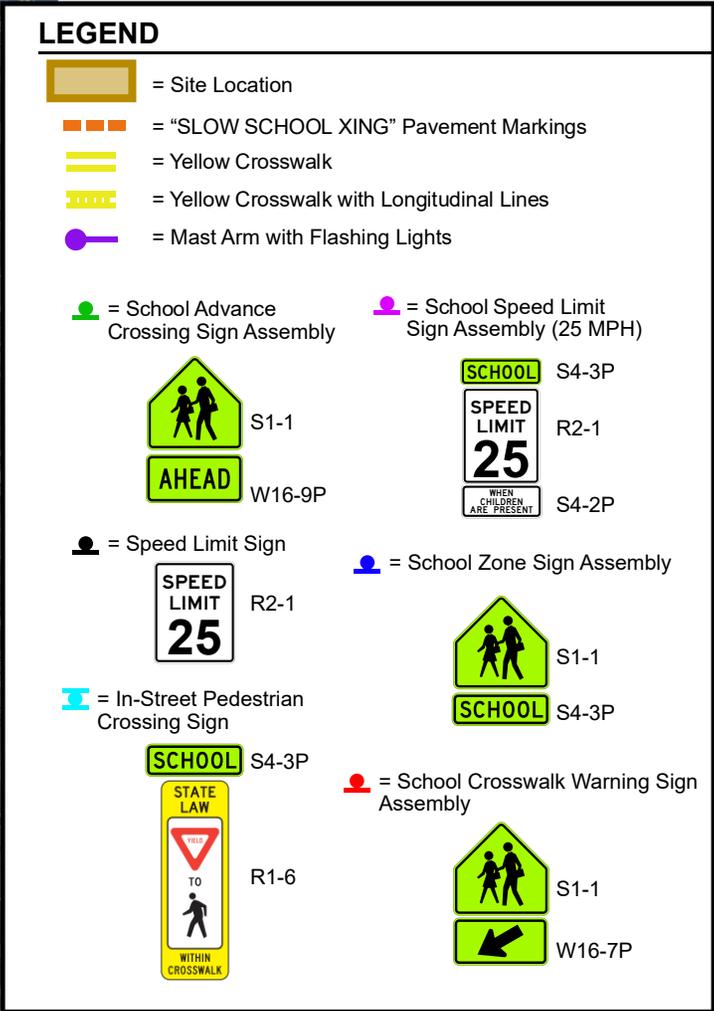


Figure 7
Existing School Signage and Pavement Markings