Draft
Environmental Impact Report
SCH# 2021010168

Volume 6
Technical Appendices
I (continued) to M

Bellefield Solar Project
by 50LW 8ME LLC

Zone Change Case No. 2, Map No. 195
Zone Change Case No. 57, Map No. 196
Conditional Use Permit No. 1, Map No. 195
Conditional Use Permit No. 57, Map No. 196
General Plan Amendment No. 2, Map No. 195
General Plan Amendment No. 3, Map No. 195 (Circulation)
Specific Plan Amendment No. 31, Map No. 196 (Circulation)

Kern County
Planning and Natural Resources Department
Bakersfield, California

July 2021

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Specific Plan Amendment No. 31, Map No. 196 (Circulation)

Kern County
Planning and Natural Resources Department
2700 M Street, Suite 100
Bakersfield, California 93301-2370
(661) 862-8600

Technical Assistance by:
Michael Baker International
3760 Kilroy Airport Way, Suite 270
Long Beach, California 90806
(562) 200-7165

July 2021

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CALIFORNIA HIGHWAY PATROL #830 MOJAVE (OLD) (Continued) **1024789174**

EPA ID:	CAL000060706
Mailing address:	PO BOX 942898 601 N 7TH ST SACRAMENTO, CA 94298-0001
Contact:	BETH DEPAOLA
Contact address:	PO BOX 942898 601 N 7TH ST SACRAMENTO, CA 94298-0001
Contact country:	Not reported
Contact telephone:	916-843-3817
Contact email:	EDEPAOLA@CHP.CA.GOV
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BETH DEPAOLA
Owner/operator address:	PO BOX 942898 601 N 7TH ST SACRAMENTO, CA 94298
Owner/operator country:	Not reported
Owner/operator telephone:	916-843-3817
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CALIFORNIA HIGHWAY PATROL
Owner/operator address:	PO BOX 942898 601 N 7TH ST SACRAMENTO, CA 94298
Owner/operator country:	Not reported
Owner/operator telephone:	916-843-3800
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

CALIFORNIA HIGHWAY PATROL #830 MOJAVE (OLD) (Continued) **1024789174**

Used oil transporter: No

Violation Status: No violations found

CL689 **CALIF HWY PATROL - MOJAVE** **UST** **U004113445**
Target **1365 STATE HIGHWAY 58** **N/A**
Property **MOJAVE, CA 93501**

Site 6 of 7 in cluster CL

Actual: **2719 ft.**
Focus Map: **17**

KERN CO. UST:

Name:	CALIF HWY PATROL-MOJAVE
Address:	1365 HWY 58
City:	MOJAVE
Region:	Kern
Facility ID:	Not reported
CERSID:	Not reported
Owner Id:	590028
Owner Name:	STATE OF CA HIGHWAY PATROL
Tank Num:	1
Tank Capacity:	0
Common Name:	Not reported
Description:	Not reported
Number of Compartments:	Not reported
Install Date:	Not reported
Date of Closure:	Not reported
Billing Status:	Not reported
Mailing Address:	Not reported
Mailing Address (care of):	Not reported
Mailing City/State/Zip:	Not reported
Tank Num:	590028
Tank Capacity:	12,360
Common Name:	Not reported
Description:	REGULAR UNLEADED
Number of Compartments:	Not reported
Install Date:	01/01/1979
Date of Closure:	11/03/2005
Billing Status:	Inactive, non-billable
Mailing Address:	1313 State Highway 58
Mailing Address (care of):	Lieutenant John Williams, CHP Area# 830 Mojave
Mailing City/State/Zip:	MOJAVE, CA 93501

CL690 **CALIFORNIA HIGHWAY PATROL** **HIST UST** **U001586257**
Target **1365 STATE HIGHWAY 58** **N/A**
Property **MOJAVE, CA 93501**

Site 7 of 7 in cluster CL

Actual: **2719 ft.**
Focus Map: **17**

HIST UST:

Name:	CALIFORNIA HIGHWAY PATROL
Address:	1365 STATE HIGHWAY 58
City,State,Zip:	MOJAVE, CA 93501
File Number:	Not reported
URL:	Not reported

CALIFORNIA HIGHWAY PATROL (Continued) **U001586257**

Region:	STATE
Facility ID:	00000018021
Facility Type:	Other
Other Type:	CHP
Contact Name:	Not reported
Telephone:	8058242408
Owner Name:	CALIFORNIA HIGHWAY PATROL
Owner Address:	P.O. BOX 898
Owner City,St,Zip:	SACRAMENTO, CA 95804
Total Tanks:	0001
Tank Num:	001
Container Num:	830-1
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	001
Container Num:	830-2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

CM691 **CALIF HWY PATROL-MOJAVE** **FINDS** **1023345918**
Target Property **1313 STATE HIGHWAY 58** **N/A**
MOJAVE, CA 93501

Site 1 of 3 in cluster CM

Actual: 2717 ft.
Focus Map: 17

FINDS:

Registry ID:	110066418683
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066418683

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CM692 **DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #8** **AST** **A100419359**
Target Property **1313 STATE HIGHWAY 58** **N/A**
MOJAVE, CA 93501

Site 2 of 3 in cluster CM

Actual: 2717 ft.
Focus Map: 17

AST:

Name:	DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830
Address:	1313 STATE HIGHWAY 58
City/Zip:	MOJAVE,93501
Certified Unified Program Agencies:	Not reported
Owner:	Department of California Highway Patrol

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830 (Continued) **A100419359**

Total Gallons:	Not reported
CERSID:	10655122
Facility ID:	Not reported
Business Name:	Department of California Highway Patrol
Phone:	(661) 823-5500
Fax:	(661)824-2455
Mailing Address:	1313 State Highway 58
Mailing Address City:	Mojave
Mailing Address State:	CA
Mailing Address Zip Code:	93501
Operator Name:	Lieutenant John Williams
Operator Phone:	(661) 823-5500
Owner Phone:	(916)843-3800
Owner Mail Address:	PO Box 94298-0001
Owner State:	CA
Owner Zip Code:	94298
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:	CAL000385923

CM693 **DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #8** **CERS HAZ WASTE** **S123513014**
Target **1313 STATE HIGHWAY 58** **CERS TANKS** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 3 of 3 in cluster CM

Actual:
2717 ft.

Focus Map:
17

CERS HAZ WASTE:

Name:	DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830
Address:	1313 STATE HIGHWAY 58
City,State,Zip:	MOJAVE, CA 93501
Site ID:	362991
CERS ID:	10655122
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830
Address:	1313 STATE HIGHWAY 58
City,State,Zip:	MOJAVE, CA 93501
Site ID:	362991
CERS ID:	10655122
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830
Address:	1313 STATE HIGHWAY 58
City,State,Zip:	MOJAVE, CA 93501
Site ID:	362991
CERS ID:	10655122
CERS Description:	Chemical Storage Facilities

Violations:

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830 (Continued) **S123513014**

Site ID:	362991
Site Name:	Department of California Highway Patrol, Mojave #830
Violation Date:	04-20-2016
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 11/28/2016. The hazardous materials inventory submitted electronically in the California Environmental Reporting System (CERS) is not accurate and missing information. Antifreeze: 60 gallons of antifreeze is being reported. No antifreeze is currently being stored on site. Remove from the inventory. Drained Used Oil Filters: Used filters should be reported in pounds. One (1) 55 gallon drum of un-crushed drained filters weighs approximately 350 lbs. Report 350 lbs of used filters. Diesel: Is missing an "Average Daily Amount". The "Largest Container" and "Maximum Amount" should be the same, 956 Gallons. Gasoline: "Maximum Daily" and "Largest Container Size" should be the same, 12,000 gallons. Waste Oil: Add "Average Daily Amount". Make these changes to the inventory and submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-20-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-20-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830 (Continued) **S123513014**

Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Beth DePaola
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: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Department of California Highway Patrol
Entity Title: Not reported
Affiliation Address: PO Box 94298-0001
Affiliation City: Sacramento
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94298
Affiliation Phone: (916) 843-3800

Affiliation Type Desc: Property Owner
Entity Name: DM Mojave Ventures, LLC
Entity Title: Not reported
Affiliation Address: 9701 Wilshire Boulevard, 10th Floor
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90212
Affiliation Phone: (213) 840-6399

Affiliation Type Desc: Environmental Contact
Entity Name: Beth DePaola
Entity Title: Not reported

DEPARTMENT OF CALIFORNIA HIGHWAY PATROL, MOJAVE #830 (Continued) **S123513014**

Affiliation Address:	PO Box 94298-0001
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94298
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1313 State Highway 58
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Beth DePaola
Entity Title:	ABMA, Facilities Section
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Lieutenant John Williams
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:	(661) 823-5500
Affiliation Type Desc:	Parent Corporation
Entity Name:	Department of California Highway Patrol
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:	Not reported

CN694 **MOJAVE RETENTION BASIN** **CIWQS** **S121656465**
Target Property **MYERS ST AND VICTOR ST** **N/A**
MOJAVE, CA

Site 1 of 2 in cluster CN

Actual: 2726 ft.

Focus Map: 16

CIWQS:

Name:	MOJAVE RETENTION BASIN
Address:	MYERS ST AND VICTOR ST
City,State,Zip:	MOJAVE, CA
Agency:	Kern Cnty
Agency Address:	2700 M St Ste 570, Bakersfield, CA 93301
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	6B15C313683
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/31/2000
Termination Date:	12/31/2002
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:	Not reported
Longitude:	Not reported

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695 **ROAD MACHINEY - MOJAVE** **CERS** **S125424876**
Target Property **1265 HIGHWAY 58 BUSINESS** **N/A**
MOJAVE, CA 93501

Actual: 2716 ft.

Focus Map: 17

CERS:

Name:	ROAD MACHINEY - MOJAVE
Address:	1265 HIGHWAY 58 BUSINESS
City,State,Zip:	MOJAVE, CA 93501
Site ID:	557908
CERS ID:	10826569
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Cindi Byrns
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:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Jennifer Alvarez
Entity Title:	Not reported

ROAD MACHINEY - MOJAVE (Continued) **S125424876**

Affiliation Address:	926 S. 7th St
Affiliation City:	PHOENIX
Affiliation State:	AZ
Affiliation Country:	Not reported
Affiliation Zip:	85034
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Road Machinery
Entity Title:	Not reported
Affiliation Address:	926 S. 7th Street
Affiliation City:	PHOENIX
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	85034
Affiliation Phone:	(800) 989-7121
Affiliation Type Desc:	Operator
Entity Name:	Road Machinery
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:	(661) 824-2419
Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Moore
Entity Title:	GM Product Support
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Road Machinery
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:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

ROAD MACHINEY - MOJAVE (Continued) **S125424876**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1265 Highway 58 Business
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

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696 **RE CLEARWATER LLC** **CIWQS** **S115950873**
Target **15200 HOLT STREET** **N/A**
Property **MOJAVE, CA 93501**

Actual: **2752 ft.**
Focus Map: **16**

CIWQS:

Name:	RE CLEARWATER LLC
Address:	15200 HOLT STREET
City,State,Zip:	MOJAVE, CA 93501
Agency:	RE Clearwater LLC
Agency Address:	300 California Street 7th Floor, San Francisco, CA 94104
Place/Project Type:	Construction - Other: Solar Project
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C368461
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	12/11/2013
Termination Date:	12/19/2014
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:	35.0437
Longitude:	-118.179417

CO697 **DESERT TRUCK SERVICE INC** **CERS HAZ WASTE** **S123515387**
Target **1426 HIGHWAY 58** **CERS** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 5 in cluster CO

Actual: **2719 ft.**
Focus Map: **16**

CERS HAZ WASTE:

Name:	DESERT TRUCK SERVICE INC
Address:	1426 HIGHWAY 58
City,State,Zip:	MOJAVE, CA 93501
Site ID:	391350
CERS ID:	10234342
CERS Description:	Hazardous Waste Generator

DESERT TRUCK SERVICE INC (Continued) **S123515387**

CERS:
Name: DESERT TRUCK SERVICE INC
Address: 1426 HIGHWAY 58
City,State,Zip: MOJAVE, CA 93501
Site ID: 391350
CERS ID: 10234342
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 391350
Site Name: DESERT TRUCK SERVICE INC
Violation Date: 09-16-2015
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 09/16/2015. The hazardous materials inventory required some minor changes. Used Oil Filters were revised from 55 gallons to 1,050 lbs. Waste Oil was revised from 110 gallons to 165 gallons (3-55 gallon drums), and Kerosene from 5 gallons to 55 gallons. Operator logged in to the California Environmental Reporting System (CERS), made the changes to the inventory and submitted in CERS. VIOLATION CORRECTED ON SITE. NO FURTHER ACTION REQUIRED.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 391350
Site Name: DESERT TRUCK SERVICE INC
Violation Date: 09-12-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
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: Facility has not certified the Hazardous Materials Business Plan in CERS since 2016. Correct within 30 days.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 391350
Site Name: DESERT TRUCK SERVICE INC
Violation Date: 09-12-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/14/2018. Facility shall provide initial and annual training as required above. Corrected.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

DESERT TRUCK SERVICE INC (Continued) **S123515387**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-12-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-16-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-16-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-12-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	391350
Site Name:	DESERT TRUCK SERVICE INC
Site Address:	1426 HIGHWAY 58
Site City:	MOJAVE
Site Zip:	93501
Enf Action Date:	09-16-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Kern County Env Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Brenda Segal
Entity Title:	VP
Affiliation Address:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S123515387**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	MICHAEL SEGAL
Entity Title:	Not reported
Affiliation Address:	1426 HIGHWAY 58
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 816-1536
Affiliation Type Desc:	Parent Corporation
Entity Name:	DESERT TRUCK SERVICE 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:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Document Preparer
Entity Name:	Brenda Segal
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:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1426 HIGHWAY 58
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact

DESERT TRUCK SERVICE INC (Continued) **S123515387**

Entity Name:	MICHAEL SEGAL
Entity Title:	Not reported
Affiliation Address:	1426 HIGHWAY 58
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	MICHAEL SEGAL
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:	(661) 816-1536

CO698 **DESERT TRUCK SERVICE INC** **HAZNET** **S113087934**
Target **1426 STATE HIGHWAY 58** **CERS** **N/A**
Property **MOJAVE, CA 93501** **HWTS**

Site 2 of 5 in cluster CO

Actual: **2719 ft.**

Focus Map: **16**

HAZNET:

Name:	DESERT TRUCK SERVICE INC
Address:	1426 STATE HIGHWAY 58
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935011961
Contact:	MICHAEL SEGAL
Telephone:	6618244076
Mailing Name:	Not reported
Mailing Address:	1426 STATE HIGHWAY 58
Year:	2010
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.231
Year:	2009
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.231
Year:	2008
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Tons:	0.231
Year:	2007
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.441
Year:	2006
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.231
Year:	2005
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.462
Year:	2003
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.693
Year:	2002
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	R01 - Recycler
Tons:	0.462
Year:	2001
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.588
Year:	2000
Gepaid:	CAL000167690
TSD EPA ID:	CAD980813950
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.651

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Info:

Year:	2009
Gen EPA ID:	CAL000167690
Shipment Date:	20090126
Creation Date:	3/24/2009 18:30:20
Receipt Date:	20090126
Manifest ID:	004946017JJK
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
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:	2010
Gen EPA ID:	CAL000167690
Shipment Date:	20100329
Creation Date:	6/29/2010 18:30:32
Receipt Date:	20100329
Manifest ID:	006391170JJK
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.231
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

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000167690
Shipment Date:	20020417
Creation Date:	1/8/2003 18:31:12
Receipt Date:	20020418
Manifest ID:	21518235
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.462
Waste Quantity:	110
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:	CAL000167690
Shipment Date:	19960729
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960729
Manifest ID:	95945513
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.693
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

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAL000167690

Shipment Date: 20081006
Creation Date: 12/10/2008 18:30:08
Receipt Date: 20081006
Manifest ID: 003914989JJK
Trans EPA ID: CAD980813950
Trans Name: CRANE'S WASTE OIL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980813950
Trans Name: CRANE'S WASTE OIL INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.231
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: 2000
Gen EPA ID: CAL000167690

Shipment Date: 20001205
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001205
Manifest ID: 20158968
Trans EPA ID: CAD980813950
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980813950
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.42
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000316
Creation Date:	5/17/2000 0:00:00
Receipt Date:	20000316
Manifest ID:	99368115
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	1997
Gen EPA ID:	CAL000167690
Shipment Date:	19971112
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971118
Manifest ID:	96731987
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.5
Waste Quantity:	1000
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:	19971031
Creation Date:	7/23/1998 0:00:00

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Receipt Date:	19971031
Manifest ID:	96731905
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	19970714
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970714
Manifest ID:	96731555
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
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:	19970522
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970522
Manifest ID:	96731353
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	1999
Gen EPA ID:	CAL000167690
Shipment Date:	19991206
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991206
Manifest ID:	99172188
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	19990615
Creation Date:	8/19/1999 0:00:00
Receipt Date:	19990615
Manifest ID:	99171693
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231

DESERT TRUCK SERVICE INC (Continued) **S113087934**

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:	1998
Gen EPA ID:	CAL000167690
Shipment Date:	19981222
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19981222
Manifest ID:	98058787
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
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:	19980925
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980925
Manifest ID:	98058602
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980609
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980609
Manifest ID:	97293809
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	19980210
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980210
Manifest ID:	97294620
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.231
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:	2005
Gen EPA ID:	CAL000167690
Shipment Date:	20050907
Creation Date:	3/10/2006 10:49:15

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Receipt Date:	20050908
Manifest ID:	24336460
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	20050311
Creation Date:	7/21/2005 18:31:13
Receipt Date:	20050314
Manifest ID:	24057569
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	2006
Gen EPA ID:	CAL000167690

Shipment Date:	20060220
Creation Date:	6/14/2006 18:34:47
Receipt Date:	20060220
Manifest ID:	24335331
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	1995
Gen EPA ID:	CAL000167690
Shipment Date:	19950628
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950628
Manifest ID:	95227711
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL980818645
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.294
Waste Quantity:	70
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:	2003
Gen EPA ID:	CAL000167690
Shipment Date:	20031029
Creation Date:	8/4/2004 18:30:55
Receipt Date:	20031030
Manifest ID:	22999302
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	20031015
Creation Date:	8/4/2004 18:30:55
Receipt Date:	20031015
Manifest ID:	22999513
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	20030129
Creation Date:	5/21/2003 18:32:18
Receipt Date:	20030130
Manifest ID:	22131514
Trans EPA ID:	CAD980813950
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980813950
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231

DESERT TRUCK SERVICE INC (Continued) **S113087934**

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:	2007
Gen EPA ID:	CAL000167690
Shipment Date:	20070727
Creation Date:	12/10/2007 18:30:07
Receipt Date:	20070730
Manifest ID:	002803032JJK
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
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:	20070423
Creation Date:	8/29/2007 18:30:21
Receipt Date:	20070425
Manifest ID:	002802660JJK
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2001
Gen EPA ID: CAL000167690

Shipment Date: 20010605
Creation Date: 8/29/2001 0:00:00
Receipt Date: 20010605
Manifest ID: 20777141
Trans EPA ID: CAD980813950
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980813950
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.357
Waste Quantity: 85
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: 20010315
Creation Date: 5/31/2001 0:00:00
Receipt Date: 20010315
Manifest ID: 20776869
Trans EPA ID: CAD980813950
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980813950
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.231
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

DESERT TRUCK SERVICE INC (Continued) **S113087934**

CERS:
Name: VERIZON WIRELESS MOJAVE DOWNTOWN
Address: 1426 STATE HIGHWAY 58
City,State,Zip: MOJAVE, CA 93501
Site ID: 167232
CERS ID: 10143019
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 295 Parkshore Drive
Affiliation City: Folsom
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95630
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: armand delgado
Entity Title: environmental compliance mgr
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Verizon Wireless
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: (866) 694-2415

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson
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:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95630
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	295 Parkshore Drive
Affiliation City:	Folsom
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95630
Affiliation Phone:	(866) 694-2415

Affiliation Type Desc:	Parent Corporation
Entity Name:	Verizon Wireless [Northern California]
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:	Not reported

HWTS:

Name:	DESERT TRUCK SERVICE INC
Address:	1426 STATE HIGHWAY 58
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935011961
EPA ID:	CAL000167690

DESERT TRUCK SERVICE INC (Continued) **S113087934**

Inactive Date:	Not reported
Create Date:	06/28/1995
Last Act Date:	08/19/2019
Mailing Name:	Not reported
Mailing Address:	1426 STATE HIGHWAY 58
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 935011961
Owner Name:	DESERT TRUCK SERVICE INC
Owner Address:	1426 STATE HIGHWAY 58
Owner Address 2:	Not reported
Owner City,State,Zip:	MOJAVE, CA 935011961
Contact Name:	MICHAEL SEGAL
Contact Address:	1426 STATE HIGHWAY 58
Contact Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501

NAICS:

EPA ID:	CAL000167690
Create Date:	2011-08-04 09:00:46
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1995-06-28 00:00:00
Inactive Date:	Not reported
Facility Name:	DESERT TRUCK SERVICE INC
Facility Address:	1426 STATE HIGHWAY 58
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	935011961

CO699 **VERIZON WIRELESS MOJAVE DOWNTOWN** **FINDS** **1023305987**
Target Property **1426 STATE HIGHWAY 58** **N/A**
MOJAVE, CA 93501

Site 3 of 5 in cluster CO

Actual: 2719 ft.

Focus Map: 16

FINDS:

Registry ID:	110065984803
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065984803

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CO700 **DESERT TRUCK SERVICE INC** **RCRA NonGen / NLR** **1024795551**
Target **1426 STATE HIGHWAY 58** **CAL000167690**
Property **MOJAVE, CA 93501**

Site 4 of 5 in cluster CO

Actual: 2719 ft.

Focus Map: 16

RCRA NonGen / NLR:

Date form received by agency:	1995-06-28 00:00:00.0
Facility name:	DESERT TRUCK SERVICE INC
Facility address:	1426 STATE HIGHWAY 58 MOJAVE, CA 93501-1961
EPA ID:	CAL000167690
Contact:	MICHAEL SEGAL
Contact address:	1426 STATE HIGHWAY 58 MOJAVE, CA 93501
Contact country:	Not reported
Contact telephone:	661-824-4076
Contact email:	DESERTTRUCK@ANTELECOM.NET
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MICHAEL SEGAL
Owner/operator address:	1426 STATE HIGHWAY 58 MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-824-4076
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DESERT TRUCK SERVICE INC
Owner/operator address:	1426 STATE HIGHWAY 58 MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-824-4076
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

DESERT TRUCK SERVICE INC (Continued) **1024795551**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

CO701 **DESERT TRUCK SERVICE INC** **FINDS** **1024660280**
Target **1426 STATE HIGHWAY 58** **ECHO** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 5 in cluster CO

Actual: **2719 ft.**
Focus Map: **16**

FINDS:
Registry ID: 110070448674
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070448674

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: 1024660280
Registry ID: 110070448674
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070448674
Name: DESERT TRUCK SERVICE INC
Address: 1426 STATE HIGHWAY 58
City,State,Zip: MOJAVE, CA 93501

CN702 **CHMIRS** **S106399186**
Target **15314 MEYER ROAD** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 2 in cluster CN

Actual: **2726 ft.**
Focus Map: **16**

CHMIRS:
Name: Not reported
Address: 15314 MEYER ROAD
City,State,Zip: MOJAVE, CA 93501
OES Incident Number: 3-4471
OES notification: 08/31/2003
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

(Continued) **S106399186**

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:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	private citizen
Incident Date:	8/30/200312:00:00 AM
Admin Agency:	Kern Co. Environmental Health Services Dept
Amount:	Not reported
Contained:	No
Site Type:	Residence
E Date:	Not reported
Substance:	sewage
Gallons:	0.000000
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
#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

(Continued) **S106399186**

Description: Responsible pumps raw sewage out onto dirt. (According to Reporting Party this has been going on since 2001, he does have taped footage of sewage being pumped out onto the desert.)

CP703 **CALTRANS MOJAVE MAINTENANCE** **LUST** **S110654361**
Target **HWY 14** **CERS** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 7 in cluster CP

Actual: 2723 ft.

Focus Map: 16

LUST:

Name:	CALTRANS MOJAVE MAINTENANCE
Address:	HWY 14
City,State,Zip:	MOJAVE, CA 93501
Lead Agency:	KERN COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602900833
Global Id:	T0602900833
Latitude:	35.0425513
Longitude:	-118.1702668
Status:	Completed - Case Closed
Status Date:	04/25/1990
Case Worker:	KC
RB Case Number:	6B1500138T
Local Agency:	KERN COUNTY
File Location:	Not reported
Local Case Number:	590005
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0602900833
Contact Type:	Local Agency Caseworker
Contact Name:	Kern County
Organization Name:	KERN COUNTY
Address:	Not reported
City:	R6V UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0602900833
Action Type:	Other
Date:	07/24/1989
Action:	Leak Discovery

Global Id:	T0602900833
Action Type:	Other
Date:	07/24/1989
Action:	Leak Stopped

Global Id:	T0602900833
Action Type:	Other
Date:	11/08/1989
Action:	Leak Reported

CALTRANS MOJAVE MAINTENANCE (Continued) **S110654361**

LUST:
Global Id: T0602900833
Status: Open - Case Begin Date
Status Date: 07/24/1989

Global Id: T0602900833
Status: Completed - Case Closed
Status Date: 04/25/1990

CERS:
Name: CALTRANS MOJAVE MAINTENANCE
Address: HWY 14
City,State,Zip: MOJAVE, CA 93501
Site ID: 217175
CERS ID: T0602900833
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: Kern County - KERN COUNTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R6V UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CP704 **LEONARD CONSTRUCTION** **LUST** **S110654356**
Target **HWY 14** **CERS** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 7 in cluster CP

Actual:
2723 ft.

Focus Map:
16

LUST:
Name: LEONARD CONSTRUCTION
Address: HWY 14
City,State,Zip: MOJAVE, CA 93501
Lead Agency: KERN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602900816
Global Id: T0602900816
Latitude: 35.0425513
Longitude: -118.1702668
Status: Completed - Case Closed
Status Date: 08/31/1987
Case Worker: MEL
RB Case Number: 6B1500076T
Local Agency: KERN COUNTY
File Location: Not reported
Local Case Number: 590037
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LEONARD CONSTRUCTION (Continued) **S110654356**

LUST:
Global Id: T0602900816
Contact Type: Local Agency Caseworker
Contact Name: TOM MELE
Organization Name: KERN COUNTY
Address: 2700 "M" STREET SUITE
City: BAKERSFIELD
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602900816
Action Type: Other
Date: 02/06/1987
Action: Leak Discovery

Global Id: T0602900816
Action Type: Other
Date: 02/06/1987
Action: Leak Stopped

Global Id: T0602900816
Action Type: REMEDIATION
Date: 06/02/1987
Action: Excavation

Global Id: T0602900816
Action Type: Other
Date: 08/19/1987
Action: Leak Reported

LUST:
Global Id: T0602900816
Status: Open - Case Begin Date
Status Date: 02/06/1987

Global Id: T0602900816
Status: Open - Remediation
Status Date: 08/19/1987

Global Id: T0602900816
Status: Completed - Case Closed
Status Date: 08/31/1987

CERS:
Name: LEONARD CONSTRUCTION
Address: HWY 14
City,State,Zip: MOJAVE, CA 93501
Site ID: 260114
CERS ID: T0602900816
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TOM MELE - KERN COUNTY

LEONARD CONSTRUCTION (Continued) **S110654356**

Entity Title: Not reported
Affiliation Address: 2700 "M" STREET SUITE
Affiliation City: BAKERSFIELD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CP705 **MOJAVE MO-MART** **RGA LUST** **S114656145**
Target Property **15200 SIERRA HWY** **N/A**
MOJAVE, CA

Site 3 of 7 in cluster CP

Actual: 2723 ft.

Focus Map: 16

RGA LUST:
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2012 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2011 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2010 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2009 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2008 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2007 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2006 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2005 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY

MOJAVE MO-MART (Continued) **S114656145**

City: MOJAVE
State: MOJAVE
2003 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2002 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2001 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
2000 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
1998 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
1997 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
1996 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
1995 MOJAVE MO-MART 15200 SIERRA HWY
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
State: MOJAVE
1994 MOJAVE MO-MART 15200 SIERRA HWY

CP706 **MOJAVE MO-MART** **LUST** **S100272935**
Target **15200 SIERRA HWY** **HIST CORTESE** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 4 of 7 in cluster CP

Actual: **2723 ft.**

Focus Map: **16**

LUST Region 6V:
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City: MOJAVE
Region: 6V
Case Number: 6B1500261T
Leak Record: Not reported
Report Date: 1/3/1991

MOJAVE MO-MART (Continued) **S100272935**

Reported By Address:	Not reported
Responsible Party:	NIKOLAUS TRANSPORTATION
Operator:	Not reported
Cross Street:	HWY 58
Local Agency:	15000L
Regional Board:	6V
Chemical:	Gasoline
Case Type:	Soil only
Funding:	Not reported
Enforce Type:	N
How Found:	OM
How Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Global ID:	T0602900854
Stop Date:	8/9/1990
Leak Confirm:	1/3/1991
Submit Workplan:	Not reported
Prelim Assess:	8/8/1990
Pollution Char:	4/17/1991
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	8/5/1992
Discovered:	12/27/1990
Enforce Date:	1/1/1965
Review Date:	4/23/1991
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
MTBE class:	*
Max MTBE Grnd Wtr:	Not reported
Max MTBE Soil:	Not reported
MTBE Counts:	0
MTBE Fuel:	1
MTBE Tested:	NT
Organization Name:	Not reported
Status:	Case Closed
Contact:	Not reported
Interim Action:	No
Pilot Program:	LUST
Lat/Long:	35 / -118.1701568
Staff Initials:	KD
Local Agency Staff:	SBC
Lead Agency:	Local Agency
Summary:	Not reported
Basin Number:	ANTELOPE VALLEY (6-4
Beneficial:	Not reported
Priority:	Not reported
UST Cleanup Fund ID:	Not reported
Suspended:	Not reported
Local Case Number:	590004
Amount:	Not reported
Abate Method:	Not reported
Water System:	Not reported
Well Name:	Not reported
Distance:	6610.387891

Wst Disch Reqrmnt Global ID: Not reported

MOJAVE MO-MART (Continued) **S100272935**

Wst Disch Reqrmnt Name: Not reported

LUST:
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City,State,Zip: MOJAVE, CA 93501
Lead Agency: KERN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602900854
Global Id: T0602900854
Latitude: 35.042546
Longitude: -118.16955
Status: Completed - Case Closed
Status Date: 08/05/1992
Case Worker: KC
RB Case Number: 6B1500261T
Local Agency: KERN COUNTY
File Location: Not reported
Local Case Number: 590004
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0602900854
Contact Type: Local Agency Caseworker
Contact Name: Kern County
Organization Name: KERN COUNTY
Address: Not reported
City: R6V UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602900854
Action Type: Other
Date: 12/27/1990
Action: Leak Discovery

Global Id: T0602900854
Action Type: Other
Date: 08/09/1990
Action: Leak Stopped

Global Id: T0602900854
Action Type: Other
Date: 01/03/1991
Action: Leak Reported

LUST:
Global Id: T0602900854
Status: Open - Case Begin Date
Status Date: 08/08/1990

Global Id: T0602900854
Status: Open - Site Assessment

MOJAVE MO-MART (Continued) **S100272935**

Status Date: 08/08/1990

Global Id: T0602900854
Status: Open - Site Assessment
Status Date: 01/03/1991

Global Id: T0602900854
Status: Open - Site Assessment
Status Date: 04/17/1991

Global Id: T0602900854
Status: Completed - Case Closed
Status Date: 08/05/1992

HIST CORTESE:
edr_fname: MOJAVE MO-MART
edr_fadd1: 15200 SIERRA
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Facility County Code: 15
Reg By: LTNKA
Reg Id: 6B1500261T

CERS:
Name: MOJAVE MO-MART
Address: 15200 SIERRA HWY
City,State,Zip: MOJAVE, CA 93501
Site ID: 229613
CERS ID: T0602900854
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: Kern County - KERN COUNTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R6V UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CP707 **MOJAVE MO-MART** **FINDS** **1023298074**
Target **15200 SIERRA HWY** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 7 in cluster CP

Actual:
2723 ft.

Focus Map:
16

FINDS:
Registry ID: 110065899781
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065899781

Environmental Interest/Information System:
STATE MASTER

MOJAVE MO-MART (Continued) **1023298074**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CP708 **MO MART MOBIL** **HIST UST** **U001586265**
Target **15200 SIERRA HWY** **N/A**
Property **MOJAVE, CA 93501**

Site 6 of 7 in cluster CP

Actual: **2723 ft.**

Focus Map: **16**

HIST UST:

Name:	MO MART MOBIL
Address:	15200 SIERRA HWY
City,State,Zip:	MOJAVE, CA 93501
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000035601
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	8058242561
Owner Name:	NIKOLAUS TRANSP. INC.
Owner Address:	5 BRIDGE ROAD
Owner City,St,Zip:	BISHOP, CA 93514
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

CP709 **MO MART MOBIL** **SWEEPS UST** **S101620784**
Target **15200 SIERRA HWY** **HIST UST** **N/A**
Property **MOJAVE, CA 93501** **CA FID UST**

Site 7 of 7 in cluster CP

Actual:
2723 ft.

Focus Map:
16

SWEEPS UST:

Name:	MO MART MOBIL
Address:	15200 SIERRA HWY
City:	MOJAVE
Status:	Active
Comp Number:	35601
Number:	9
Board Of Equalization:	44-006178
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	09-30-89
Owner Tank Id:	1
SWRCB Tank Id:	15-000-035601-000001
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	MO MART MOBIL
Address:	15200 SIERRA HWY
City:	MOJAVE
Status:	Active
Comp Number:	35601
Number:	9
Board Of Equalization:	44-006178
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	09-30-89
Owner Tank Id:	2
SWRCB Tank Id:	15-000-035601-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	MO MART MOBIL
Address:	15200 SIERRA HWY
City:	MOJAVE
Status:	Active
Comp Number:	35601
Number:	9
Board Of Equalization:	44-006178
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	09-30-89
Owner Tank Id:	3
SWRCB Tank Id:	15-000-035601-000003

MO MART MOBIL (Continued) **S101620784**

Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: MC HART MOBIL
Address: 15200 SIERRA HIWAY
City,State,Zip: MOJAVE, CA 93501
File Number: 00024DF1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024DF1.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:

CA FID UST:
Facility ID: 15000463
Regulated By: UTNKA
Regulated ID: 00035601
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8058242561
Mail To: Not reported
Mailing Address: 15200 SIERRA HWY
Mailing Address 2: Not reported
Mailing City,St,Zip: MOJAVE 93501
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CQ710 **CHMIRS** **S100278501**
Target Property **MOJAVE RAILROAD DEPOT**
MOJAVE, CA 93301
N/A

Site 1 of 9 in cluster CQ

Actual:
2720 ft.

Focus Map:
16

CHMIRS:

Name:	Not reported
Address:	MOJAVE RAILROAD DEPOT
City,State,Zip:	MOJAVE, CA 93301
OES Incident Number:	120589
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**27-NOV-91**
Property Use:	950
Agency Id Number:	15010
Agency Incident Number:	37773
Time Notified:	931
Time Completed:	1430
Surrounding Area:	500
Estimated Temperature:	60
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:	SCOTT PARK CAPT.
Report Date:	28-NOV-91
Facility Telephone:	805 861-2577
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:	27-NOV-91
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	19-AUG-92
Substance:	Not reported
Unknown:	Not reported

(Continued) **S100278501**

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

CQ711 **MOJAVE MOBIL** **EDR Hist Auto** **1020930235**
Target **15190 SIERRA HWY** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 9 in cluster CQ

Actual: EDR Hist Auto
2720 ft.

Focus Map:
16

Year:	Name:	Type:
1969	CALVER CO*	Gasoline Service Stations
1970	CALVER CO*	Gasoline Service Stations
1971	CALVER CO*	Gasoline Service Stations
1972	CALVER CO*	Gasoline Service Stations
1973	CALVER CO*	Gasoline Service Stations
1974	CALVER CO*	Gasoline Service Stations
1975	CALVER CO*	Gasoline Service Stations
1976	CALVER CO*	Gasoline Service Stations
1986	SHELL MOH MART	Gasoline Service Stations
1987	SHELL MOH MART	Gasoline Service Stations
1988	SHELL MOH MART	Gasoline Service Stations
1989	SHELL MOH MART	Gasoline Service Stations
1990	NIKOLAUS TRANSPORTATION INC	Gasoline Service Stations
1991	NIKOLAUS TRANSPORTATION INC	Gasoline Service Stations
1993	MO-MART	Gasoline Service Stations, NEC
1994	MO-MART	Gasoline Service Stations, NEC
1997	MO-MART	Gasoline Service Stations, NEC
1997	MOJAVE MOBIL	Gasoline Service Stations
1998	ASLIM JAVID	Gasoline Service Stations, NEC
1998	MOJAVE MOBIL	Gasoline Service Stations
1999	MOJAVE MOBIL	Convenience Stores
1999	ASLIM JAVID	Gasoline Service Stations, NEC
2000	ASLIM JAVID	Gasoline Service Stations, NEC
2000	MOJAVE MOBIL	Convenience Stores
2001	MOJAVE MOBIL	Convenience Stores
2001	ASLIM JAVID	Gasoline Service Stations, NEC
2002	MOJAVE MOBIL	Convenience Stores
2002	ASLIM JAVID	Gasoline Service Stations, NEC
2003	ASLIM JAVID	Gasoline Service Stations, NEC
2003	MOJAVE MOBIL	Convenience Stores
2004	ASLIM JAVID	Gasoline Service Stations, NEC
2004	MOJAVE MOBIL	Convenience Stores

MOJAVE MOBIL (Continued) **1020930235**

2005	ASLIM JAVID	Gasoline Service Stations, NEC
2005	MOJAVE MOBIL	Convenience Stores
2006	MOJAVE MOBIL	Convenience Stores
2006	ASLIM JAVID	Gasoline Service Stations, NEC
2007	ASLIM JAVID	Gasoline Service Stations, NEC
2007	MOJAVE MOBIL	Convenience Stores
2008	ASLIM JAVID	Gasoline Service Stations, NEC
2008	MOJAVE MOBIL	Convenience Stores
2009	MOJAVE MOBIL	Convenience Stores
2009	ASLIM JAVID	Gasoline Service Stations, NEC
2010	MOJAVE MOBIL	Convenience Stores
2010	ASLIM JAVID	Gasoline Service Stations, NEC
2011	MOJAVE MOBIL	Convenience Stores
2011	ASLIM JAVID	Gasoline Service Stations, NEC
2012	MOJAVE MOBIL	Convenience Stores
2012	ASLIM JAVID	Gasoline Service Stations, NEC
2013	MOJAVE MOBIL	Convenience Stores
2013	ASLIM JAVID	Gasoline Service Stations, NEC
2014	ASLIM JAVID	Gasoline Service Stations, NEC
2014	MOJAVE MOBIL	Convenience Stores

CQ712 **MOJAVE MOBIL** **CERS HAZ WASTE** **S114472116**
Target **15190 SIERRA HWY** **CERS TANKS** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 3 of 9 in cluster CQ

Actual: 2720 ft.

Focus Map: 16

CERS HAZ WASTE:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HWY
City,State,Zip:	MOJAVE, CA 93501
Site ID:	397753
CERS ID:	10233598
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HWY
City,State,Zip:	MOJAVE, CA 93501
Site ID:	397753
CERS ID:	10233598
CERS Description:	Underground Storage Tank

CERS:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HWY
City,State,Zip:	MOJAVE, CA 93501
Site ID:	397753
CERS ID:	10233598
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	397753
Site Name:	MOJAVE MOBIL
Violation Date:	03-12-2015
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291

MOJAVE MOBIL (Continued) **S114472116**

Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 03/12/2015. There was fuel in the East Satellite UDC. The technician removed the fuel from the UDC. Please ensure that all UDC's, remain free of liquid and debris. Violation corrected on site. No further action required.
Violation Division:	Kern County Env Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	397753
Site Name:	MOJAVE MOBIL
Violation Date:	03-12-2014
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes:	Returned to compliance on 03/25/2014. One new employee was hired two months ago. New employees must receive training within 30 days of hire. Have the Designated Operator (D.O.) provide the proper training to the new employee, document the training and submit a copy of the documentation to this department.
Violation Division:	Kern County Env Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	397753
Site Name:	MOJAVE MOBIL
Violation Date:	03-12-2015
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes:	Returned to compliance on 04/22/2015. The Diesel product spill bucket failed. The technician attempted to clean drain valve. Bucket still failed. The technician will attempt to replace the gasket. If that does not work, then the bucket will need to be replaced. If replacement is required, then a UST Modification Permit will be required because it is a direct bury bucket.
Violation Division:	Kern County Env Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	397753
Site Name:	MOJAVE MOBIL
Violation Date:	11-28-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

MOJAVE MOBIL (Continued) **S114472116**

Violation Notes:	Observed the letter from the chief financial officer to be expired. Please revise the chief financial officer letter and then put the current revised letter in the on site UST binder and then submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	397753
Site Name:	MOJAVE MOBIL
Violation Date:	11-28-2018
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Facility shall test the overfill protection methods listed in CERS. Tanks are utilizing both audio visual alarms, and flapper valves, and are listing both in CERS. Facility failed to test overfill protection by the October 13, 2018 deadline. Test and submit passing test results within 30 days.
Violation Division:	Kern County Env Health Services Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-18-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown

MOJAVE MOBIL (Continued) **S114472116**

Eval Date:	08-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-12-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Final inspection/Initial Monitoring Certification for new installation.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-12-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Please follow up on the comments made in the California Environmental Reporting System (CERS) regarding tank information.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST tank removal at Mojave Mobil.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-30-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Tank setting and backfill of tank.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-14-2017

MOJAVE MOBIL (Continued) **S114472116**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Secondary piping inspection.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-15-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Secondary piping, UDC, and penetration inspection for UST modification.
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-18-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-12-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-11-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

MOJAVE MOBIL (Continued) **S114472116**

Eval Notes: Primary piping inspection.
Eval Division: Kern County Env Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Primary piping inspection for UST modification.
Eval Division: Kern County Env Health Services Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Tester added 1800 mL of brine to the brine sensor in the 87 fill pump. Operator shall complete the missing owner information in the DO Form and then upload into CERS. Facility shall complete all daily logs. Observed brine liquid in the diesel STP sump near the liquid sensor. Once all the violations have been properly corrected please sign and return the last page of this inspection report.
Eval Division: Kern County Env Health Services Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 397753
Site Name: MOJAVE MOBIL
Site Address: 15190 SIERRA HWY
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-12-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 397753
Site Name: MOJAVE MOBIL
Site Address: 15190 SIERRA HWY
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-12-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:

MOJAVE MOBIL (Continued) **S114472116**

Site ID:	397753
Facility Name:	MOJAVE MOBIL
Env Int Type Code:	HMBP
Program ID:	10233598
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	35.042042
Longitude:	-118.169853

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

Affiliation Type Desc:	Operator
Entity Name:	MOHAMMAD ARFAN
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:	(661) 824-3237

Affiliation Type Desc:	Property Owner
Entity Name:	MOHAMMED ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 Sierra Hwy
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 435-2063

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	MOHAMMED ARFAN
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(661) 824-3237

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	MOHAMMAD AND RAHILA ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HWY
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States

MOJAVE MOBIL (Continued) **S114472116**

Affiliation Zip:	93501
Affiliation Phone:	(661) 824-3237
Affiliation Type Desc:	Environmental Contact
Entity Name:	MOHAMMAD ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HIGHWAY
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	MOHAMMED ARFAN
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HWY
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	MOHAMMAD ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HIGHWAY
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 824-3237
Affiliation Type Desc:	Parent Corporation
Entity Name:	MOJAVE MOBIL
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:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	MOHAMMAD ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HWY

MOJAVE MOBIL (Continued) **S114472116**

Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 824-3237
Affiliation Type Desc:	Document Preparer
Entity Name:	June K Milner
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:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	MOHAMMAD ARFAN
Entity Title:	Not reported
Affiliation Address:	15190 SIERRA HWY
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 824-3237

CQ713 **MOJAVE MOBIL** **FINDS** **1023249386**
Target **15190 SIERRA HWY** **N/A**
Property **MOJAVE, CA 93501**

Site 4 of 9 in cluster CQ

Actual: **2720 ft.**

Focus Map: **16**

FINDS:

Registry ID:	110065378647
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065378647

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CQ714 **MOJAVE MOBIL** **UST** **U004113891**
Target **15190 SIERRA HWY** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 9 in cluster CQ

Actual: **2720 ft.**

Focus Map: **16**

UST:

Name:	MOJAVE MO MART
Address:	15190 SIERRA HWY
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	FA0002547
Permitting Agency:	KERN COUNTY
Latitude:	35.043387

MOJAVE MOBIL (Continued) **U004113891**

Longitude: -118.168503

Name: MOJAVE MOBIL
Address: 15190 SIERRA HWY
City,State,Zip: MOJAVE, CA 93501
Facility ID: FA0002547
Permitting Agency: Kern County Environmental Health Services Department
Latitude: 35.042
Longitude: -118.1699

KERN CO. UST:
Name: MOJAVE MOBIL
Address: 15190 SIERRA HWY
City: MOJAVE
Region: Kern
Facility ID: FA0002547
CERSID: 10233598
Owner Id: Not reported
Owner Name: Not reported

Tank Num: 04
Tank Capacity: 20,000
Common Name: Not reported
Description: DIESEL
Number of Compartments: 1
Install Date: 08/30/2017
Date of Closure: Not reported
Billing Status: Active, billable
Mailing Address: 15190 SIERRA HWY
Mailing Address (care of): MOHAMMAD ARFAN
Mailing City/State/Zip: MOJAVE, CA 93501

Tank Num: 05
Tank Capacity: 12,000
Common Name: Not reported
Description: REGULAR UNLEADED
Number of Compartments: 2
Install Date: 08/30/2017
Date of Closure: Not reported
Billing Status: Active, billable
Mailing Address: 15190 SIERRA HWY
Mailing Address (care of): MOHAMMAD ARFAN
Mailing City/State/Zip: MOJAVE, CA 93501

Tank Num: 06
Tank Capacity: 8,000
Common Name: Not reported
Description: PREMIUM UNLEADED
Number of Compartments: 2
Install Date: 08/30/2017
Date of Closure: Not reported
Billing Status: Active, billable
Mailing Address: 15190 SIERRA HWY
Mailing Address (care of): MOHAMMAD ARFAN
Mailing City/State/Zip: MOJAVE, CA 93501

MOJAVE MOBIL (Continued) **U004113891**

Tank Num:	1
Tank Capacity:	12,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	1
Install Date:	08/30/2017
Date of Closure:	08/25/2017
Billing Status:	Active, billable
Mailing Address:	15190 SIERRA HWY
Mailing Address (care of):	MOHAMMAD ARFAN
Mailing City/State/Zip:	MOJAVE, CA 93501

Tank Num:	2
Tank Capacity:	12,000
Common Name:	Not reported
Description:	REGULAR UNLEADED
Number of Compartments:	1
Install Date:	08/30/2017
Date of Closure:	08/25/2017
Billing Status:	Active, billable
Mailing Address:	15190 SIERRA HWY
Mailing Address (care of):	MOHAMMAD ARFAN
Mailing City/State/Zip:	MOJAVE, CA 93501

Tank Num:	3
Tank Capacity:	12,000
Common Name:	Not reported
Description:	PREMIUM UNLEADED
Number of Compartments:	1
Install Date:	08/30/2017
Date of Closure:	08/25/2017
Billing Status:	Active, billable
Mailing Address:	15190 SIERRA HWY
Mailing Address (care of):	MOHAMMAD ARFAN
Mailing City/State/Zip:	MOJAVE, CA 93501

CQ715 **MOJAVE MOBIL** **HAZNET** **S123611615**
Target **15190 SIERRA HWY.** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 6 of 9 in cluster CQ

Actual:
2720 ft.

Focus Map:
16

HAZNET:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HWY.
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	MOHAMMAD ARFAN
Telephone:	6618243237
Mailing Name:	Not reported
Mailing Address:	15190 SIERRA HWY.
Year:	2017
Gepaid:	CAC002924682
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste

MOJAVE MOBIL (Continued) **S123611615**

Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.0425

Additional Info:
Year: 2017
Gen EPA ID: CAC002924682

Shipment Date: 20170823
Creation Date: 7/12/2018 18:30:34
Receipt Date: 20170831
Manifest ID: 017651728JJK
Trans EPA ID: CAR000172874
Trans Name: ABLE ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: D001
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 1.0425
Waste Quantity: 250
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: MOJAVE MOBIL
Address: 15190 SIERRA HWY.
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
EPA ID: CAC002924682
Inactive Date: 11/22/2017
Create Date: 08/22/2017
Last Act Date: 11/22/2017
Mailing Name: Not reported
Mailing Address: 15190 SIERRA HWY.
Mailing Address 2: Not reported
Mailing City,State,Zip: MOJAVE, CA 93501
Owner Name: MOHAMMAD ARFAN
Owner Address: 15190 SIERRA HWY.
Owner Address 2: Not reported
Owner City,State,Zip: MOJAVE, CA 93501
Contact Name: MOHAMMAD ARFAN
Contact Address: 15190 SIERRA HWY.
Contact Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501

CQ716 MOJAVE MOBIL **HAZNET S123590980**
Target 15190 SIERRA HWY **HWTS N/A**
Property MOJAVE, CA 93501

Site 7 of 9 in cluster CQ

Actual: 2720 ft.

Focus Map: 16

HAZNET:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HWY
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	MOHAMMAD ARFAN
Telephone:	6618243237
Mailing Name:	Not reported
Mailing Address:	15190 SIERRA HWY
Year:	2013
Gepaid:	CAC002723473
TSD EPA ID:	CAD982444481
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.42

Additional Info:

Year:	2013
Gen EPA ID:	CAC002723473
Shipment Date:	20130325
Creation Date:	6/18/2013 22:15:07
Receipt Date:	20130411
Manifest ID:	010365211JJK
Trans EPA ID:	CAD980813950
Trans Name:	CRANE'S WASTE OIL INC
Trans 2 EPA ID:	CAR000172460
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
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:	MOJAVE MOBIL
Address:	15190 SIERRA HWY
Address 2:	Not reported

MOJAVE MOBIL (Continued) **S123590980**

City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAC002723473
Inactive Date:	06/14/2013
Create Date:	03/15/2013
Last Act Date:	06/15/2013
Mailing Name:	Not reported
Mailing Address:	15190 SIERRA HWY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 93501
Owner Name:	MOHAMMAD ARFAN
Owner Address:	15190 SIERRA HWY
Owner Address 2:	Not reported
Owner City,State,Zip:	MOJAVE, CA 93501
Contact Name:	MOHAMMAD ARFAN
Contact Address:	15190 SIERRA HWY
Contact Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501

NAICS:

EPA ID:	CAC002723473
Create Date:	2013-03-15 12:16:53
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2013-03-15 12:16:53
Inactive Date:	2013-06-14 12:16:53
Facility Name:	MOJAVE MOBIL
Facility Address:	15190 SIERRA HWY
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	93501

CQ717 **MOJAVE MOBIL** **EMI** **S124455990**
Target Property **15190 SIERRA HIGHWAY** **N/A**
MOJAVE, CA 93501

Site 8 of 9 in cluster CQ

Actual: 2720 ft.
Focus Map: 16

EMI:

Name:	MOJAVE MOBIL
Address:	15190 SIERRA HIGHWAY
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	8986001
Air District Name:	KER
SIC Code:	5541
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.1039
Reactive Organic Gases Tons/Yr:	0.1039
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported

MOJAVE MOBIL (Continued) **S124455990**

Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

CQ718 **CHMIRS** **S106399786**
Target Property **MEYER RD AND HWY 14** **N/A**
MOJAVE, CA

Site 9 of 9 in cluster CQ

Actual: 2719 ft.

Focus Map: 16

CHMIRS:

Name:	Not reported
Address:	MEYER RD AND HWY 14
City,State,Zip:	MOJAVE, CA
OES Incident Number:	3-2786
OES notification:	05/30/2003
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:	No
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:	2003
Agency:	UPRR
Incident Date:	5/30/200312:00:00 AM
Admin Agency:	Kern Co. Environmental Health Services Dept
Amount:	Not reported
Contained:	No

(Continued) **S106399786**

Site Type:	Rail Road
E Date:	Not reported
Substance:	Sewage
Gallons:	500
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
#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:	A citizen reported a company illegally dumping sewage on UPRR private property

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719 **RE YAKIMA LLC** **CIWQS** **S115950876**
Target **15074 HOLT STREET** **N/A**
Property **MOJAVE, CA 93501**

Actual: **2751 ft.**

Focus Map: **16**

CIWQS:

Name:	RE YAKIMA LLC
Address:	15074 HOLT STREET
City,State,Zip:	MOJAVE, CA 93501
Agency:	RE Yakima LLC
Agency Address:	300 California Street 7th Floor, San Francisco, CA 94104
Place/Project Type:	Construction - Other: Solar Facility
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C368498
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	12/17/2013
Termination Date:	12/19/2014
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:	35.038078
Longitude:	-118.178902

720 ANGELS TRUCK STOP **LUST S102424015**
Target 2001 58 **HIST CORTESE N/A**
Property MOJAVE, CA 93501

Actual: 2667 ft.

Focus Map: 17

LUST Region 6V:

Name:	ANGELS TRUCK STOP
Address:	2001 HWY 58
City:	MOJAVE
Region:	6V
Case Number:	6B1500024T
Leak Record:	10/27/1995
Report Date:	9/19/1995
Reported By Address:	Not reported
Responsible Party:	SHAHRZAD JADALIPOUR
Operator:	AVETIK MKRTCHYAN
Cross Street:	M ST
Local Agency:	15000L
Regional Board:	6V
Chemical:	Diesel
Case Type:	Undefined
Funding:	R
Enforce Type:	N
How Found:	Nuisance Conditions
How Stopped:	Not reported
Cause of Leak:	Overfill
Leak Source:	UNK
Global ID:	T0602900811
Stop Date:	Not reported
Leak Confirm:	10/14/1994
Submit Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Discovered:	10/14/1994
Enforce Date:	1/1/1965
Review Date:	10/6/1999
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
MTBE class:	*
Max MTBE Grnd Wtr:	Not reported
Max MTBE Soil:	Not reported
MTBE Counts:	0
MTBE Fuel:	0
MTBE Tested:	NRQ
Organization Name:	Not reported
Status:	Leak being confirmed
Contact:	Not reported
Interim Action:	Not reported
Pilot Program:	LUST
Lat/Long:	35 / -118.1671357
Staff Initials:	GDC
Local Agency Staff:	SBC
Lead Agency:	Local Agency
Summary:	Not reported
Basin Number:	ANTELOPE VALLEY (6-4
Beneficial:	Not reported

ANGELS TRUCK STOP (Continued) **S102424015**

Priority: Not reported
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Local Case Number: 590020
Amount: Not reported
Abate Method: Unknown - action taken at site is unknown
Water System: Not reported
Well Name: Not reported
Distance: 6355.737247
Wst Disch Reqrmnt Global ID: Not reported
Wst Disch Reqrmnt Name: Not reported

HIST CORTESE:
edr_fname: ANGELS TRUCK STOP
edr_fadd1: 2001 58
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Facility County Code: 15
Reg By: LTNKA
Reg Id: 6B1500024T

CR721 **RISING TREE II WIND FARM** **FINDS** **1023696640**
Target **70TH STREET & OAK CREEK ROAD** **ECHO** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 7 in cluster CR

Actual:
3233 ft.

Focus Map:
14

FINDS:
Registry ID: 110070093717
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070093717

Environmental Interest/Information System:
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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023696640
Registry ID: 110070093717
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070093717
Name: RISING TREE II WIND FARM
Address: 70TH STREET & OAK CREEK ROAD
City,State,Zip: MOJAVE, CA 93501

CR722 **RISING TREE I WIND FARM** **FINDS** **1023696583**
Target **70TH STREET & OAK CREEK ROAD** **ECHO** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 7 in cluster CR

Actual: **3233 ft.**

Focus Map: **14**

FINDS:
Registry ID: 110070093659
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070093659

Environmental Interest/Information System:
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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023696583
Registry ID: 110070093659
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070093659
Name: RISING TREE I WIND FARM
Address: 70TH STREET & OAK CREEK ROAD
City,State,Zip: MOJAVE, CA 93501

CR723 **RISING TREE II WIND FARM** **NPDES** **S117041719**
Target **70TH STREET & OAK CREEK ROAD** **CIWQS** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 3 of 7 in cluster CR

Actual: **3233 ft.**

Focus Map: **14**

NPDES:
Name: RISING TREE II WIND FARM
Address: 70TH STREET & OAK CREEK ROAD
City,State,Zip: MOJAVE, CA 93501
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: 6B15C370037
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

RISING TREE II WIND FARM (Continued) **S117041719**

Status:	Active
Status Date:	06/17/2014
Operator Name:	Rising Tree Wind Farm II LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	6B
Regulatory Measure ID:	446933
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C370037
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:	06/09/2014
Processed Date:	06/17/2014
Status:	Active
Status Date:	06/17/2014
Place Size:	1751
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm II LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager
Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm II LLC
Developer Address:	808 Travis St
Developer City:	Houston
Developer State:	Texas
Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N

RISING TREE II WIND FARM (Continued) **S117041719**

Emergency Phone:	713-858-1905
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 Commertial 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:	Commercial Wind Farm
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	09-JUN-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	446933
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C370037
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm II LLC
Discharge Address:	808 Travis St
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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

RISING TREE II WIND FARM (Continued) **S117041719**

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 Commertial 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:	RISING TREE II WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000002
Region:	6B
Agency Number:	0
Regulatory Measure ID:	446933
Place ID:	Not reported
Order Number:	2009-0009-DWQ

RISING TREE II WIND FARM (Continued) **S117041719**

WDID:	6B15C370037
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	808 Travis St
Discharge Name:	Rising Tree Wind Farm II LLC
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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:	6B
Regulatory Measure ID:	446933
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C370037
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:	06/09/2014
Processed Date:	06/17/2014
Status:	Active
Status Date:	06/17/2014
Place Size:	1751
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm II LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager

RISING TREE II WIND FARM (Continued) **S117041719**

Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm II LLC
Developer Address:	808 Travis St
Developer City:	Houston
Developer State:	Texas
Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N
Emergency Phone:	713-858-1905
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 Commertial 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:	Commercial Wind Farm
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	09-JUN-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	446933
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C370037
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm II LLC
Discharge Address:	808 Travis St
Discharge City:	Houston
Discharge State:	Texas

RISING TREE II WIND FARM (Continued) **S117041719**

Discharge Zip:	77002
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 Commertial 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

RISING TREE II WIND FARM (Continued) **S117041719**

CIWQS:

Name:	RISING TREE II WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Rising Tree Wind Farm II LLC
Agency Address:	808 Travis St Suite 700, Houston, TX 77002
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C370037
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	06/17/2014
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:	35.0739
Longitude:	-118.2373

CERS:

Name:	RISING TREE II WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	540912
CERS ID:	829772
CERS Description:	Construction Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Rising Tree Wind Farm II LLC
Entity Title:	Operator
Affiliation Address:	808 Travis StSuite 700
Affiliation City:	Houston
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	77002
Affiliation Phone:	Not reported

CR724 **RISING TREE III WIND FARM** **NPDES** **S117348264**
Target **70TH STREET & OAK CREEK ROAD** **CIWQS** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 4 of 7 in cluster CR

Actual:
3233 ft.

Focus Map:
14

NPDES:

Name:	RISING TREE III WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
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:	6B15C371086
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:	10/07/2014
Operator Name:	Rising Tree Wind Farm III LLC
Operator Address:	808 Travis Street
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	6B
Regulatory Measure ID:	449957
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C371086
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:	10/02/2014
Processed Date:	10/07/2014
Status:	Active

RISING TREE III WIND FARM (Continued) **S117348264**

Status Date:	10/07/2014
Place Size:	1325
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm III LLC
Operator Address:	808 Travis Street
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager
Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm III LLC
Developer Address:	808 Travis Street
Developer City:	Houston
Developer State:	Texas
Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N
Emergency Phone:	713-895-1905
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 Commertial 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:	Commercial Wind Farm
Constype Utility Ind:	Y
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	02-OCT-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0

RISING TREE III WIND FARM (Continued) **S117348264**

Region:	6B
Regulatory Measure ID:	449957
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C371086
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm III LLC
Discharge Address:	808 Travis Street
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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 Commertial 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

RISING TREE III WIND FARM (Continued) **S117348264**

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:	RISING TREE III WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000002
Region:	6B
Agency Number:	0
Regulatory Measure ID:	449957
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	6B15C371086
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	808 Travis Street
Discharge Name:	Rising Tree Wind Farm III LLC
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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:	6B
Regulatory Measure ID:	449957
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C371086
Program Type:	Not reported

RISING TREE III WIND FARM (Continued) **S117348264**

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:	10/02/2014
Processed Date:	10/07/2014
Status:	Active
Status Date:	10/07/2014
Place Size:	1325
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm III LLC
Operator Address:	808 Travis Street
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager
Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm III LLC
Developer Address:	808 Travis Street
Developer City:	Houston
Developer State:	Texas
Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N
Emergency Phone:	713-895-1905
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 Commertial 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:	Commercial Wind Farm
Constype Utility Ind:	Y
Constype Water Sewer Ind:	N

RISING TREE III WIND FARM (Continued) **S117348264**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	02-OCT-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	449957
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C371086
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm III LLC
Discharge Address:	808 Travis Street
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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

RISING TREE III WIND FARM (Continued) **S117348264**

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 Commertial 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

CIWQS:

Name:	RISING TREE III WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Rising Tree Wind Farm III LLC
Agency Address:	808 Travis Street Suite 700, Houston, TX 77002
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C371086
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	10/07/2014
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:	35.0739
Longitude:	-118.2373

RISING TREE III WIND FARM (Continued) **S117348264**

CERS:
- Name: RISING TREE III WIND FARM
- Address: 70TH STREET & OAK CREEK ROAD
- City,State,Zip: MOJAVE, CA 93501
- Site ID: 540913
- CERS ID: 831833
- CERS Description: Construction Storm Water

Affiliation:
- Affiliation Type Desc: Owner/Operator
- Entity Name: Rising Tree Wind Farm III LLC
- Entity Title: Operator
- Affiliation Address: 808 Travis StreetSuite 700
- Affiliation City: Houston
- Affiliation State: TX
- Affiliation Country: Not reported
- Affiliation Zip: 77002
- Affiliation Phone: Not reported

CR725 **VOYAGER WIND I LLC** **NPDES** **S123406507**
Target **OAK CREEK ROAD AND 70TH STREET WEST** **CIWQS** **N/A**
Property **MOJAVE, CA 93501** **CERS**

Site 5 of 7 in cluster CR

Actual: **3233 ft.**

Focus Map: **14**

NPDES:
- Name: VOYAGER WIND I LLC
- Address: OAK CREEK ROAD AND 70TH STREET WEST
- City,State,Zip: MOJAVE, CA 93501
- 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: 6B15C386161
- 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: 03/01/2019
- Operator Name: Voyager Wind I LLC
- Operator Address: 1145 El Camino Real
- Operator City: San Diego
- Operator State: California
- Operator Zip: 92130

- Name: VOYAGER WIND I LLC

VOYAGER WIND I LLC (Continued) **S123406507**

Address:	OAK CREEK ROAD AND 70TH STREET WEST
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000002
Region:	6B
Agency Number:	0
Regulatory Measure ID:	505805
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	6B15C386161
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/01/2019
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1145 El Camino Real
Discharge Name:	Voyager Wind I LLC
Discharge City:	San Diego
Discharge State:	California
Discharge Zip:	92130
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:	VOYAGER WIND I LLC
Address:	OAK CREEK ROAD AND 70TH STREET WEST
City,State,Zip:	MOJAVE, CA 93501
Agency:	Voyager Wind I LLC
Agency Address:	1145 El Camino Real Suite 160, San Diego, CA 92130
Place/Project Type:	Construction - Other: Wind Farm
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C386161
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	03/01/2019
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:	35.0496
Longitude:	-118.2759

VOYAGER WIND I LLC (Continued) **S123406507**

CERS:
- Name: VOYAGER WIND I LLC
- Address: OAK CREEK ROAD AND 70TH STREET WEST
- City,State,Zip: MOJAVE, CA 93501
- Site ID: 546264
- CERS ID: 870278
- CERS Description: Construction Storm Water

Affiliation:
- Affiliation Type Desc: Owner/Operator
- Entity Name: Voyager Wind I LLC
- Entity Title: Operator
- Affiliation Address: 1145 El Camino RealSuite 160
- Affiliation City: San Diego
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 92130
- Affiliation Phone: Not reported

CR726 **TEHACHAPI ENERGY STORAGE 1** **NPDES** **S125341777**
Target Property **OAK CREEK ROAD AND 70TH STREET WEST** **CIWQS** **N/A**
MOJAVE, CA 93501 **CERS**

Site 6 of 7 in cluster CR

Actual: 3233 ft.
Focus Map: 14

NPDES:
- Name: TEHACHAPI ENERGY STORAGE 1
- Address: OAK CREEK ROAD AND 70TH STREET WEST
- City,State,Zip: MOJAVE, CA 93501
- Facility Status: Active
- NPDES Number: CAS000002
- Region: 6B
- Agency Number: 0
- Regulatory Measure ID: 513813
- Place ID: Not reported
- Order Number: 2009-0009-DWQ
- WDID: 6B15C388438
- Regulatory Measure Type: Enrollee
- Program Type: Construction
- Adoption Date Of Regulatory Measure: Not reported
- Effective Date Of Regulatory Measure: 10/18/2019
- Termination Date Of Regulatory Measure: Not reported
- Expiration Date Of Regulatory Measure: Not reported
- Discharge Address: 11455 El Camino Real
- Discharge Name: Mojave 16 17 18 LLC
- Discharge City: San Diego
- Discharge State: California
- Discharge Zip: 92130
- 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: TEHACHAPI ENERGY STORAGE 1

TEHACHAPI ENERGY STORAGE 1 (Continued) **S125341777**

Address:	OAK CREEK ROAD AND 70TH STREET WEST
City,State,Zip:	MOJAVE, CA 93501
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:	6B15C388438
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:	10/18/2019
Operator Name:	Mojave 16 17 18 LLC
Operator Address:	11455 El Camino Real
Operator City:	San Diego
Operator State:	California
Operator Zip:	92130

CIWQS:

Name:	TEHACHAPI ENERGY STORAGE 1
Address:	OAK CREEK ROAD AND 70TH STREET WEST
City,State,Zip:	MOJAVE, CA 93501
Agency:	Mojave 16 17 18 LLC
Agency Address:	11455 El Camino Real Suite 160, San Diego, CA 92130
Place/Project Type:	Construction - Other: Energy Storage Facility
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C388438
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	10/18/2019
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:	35.044906
Longitude:	-118.275219

TEHACHAPI ENERGY STORAGE 1 (Continued) **S125341777**

CERS:

Name:	TEHACHAPI ENERGY STORAGE 1
Address:	OAK CREEK ROAD AND 70TH STREET WEST
City,State,Zip:	MOJAVE, CA 93501
Site ID:	559257
CERS ID:	876549
CERS Description:	Construction Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Mojave 16 17 18 LLC
Entity Title:	Operator
Affiliation Address:	11455 El Camino RealSuite 160
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92130
Affiliation Phone:	Not reported

CR727 **RISING TREE I WIND FARM** **NPDES** **S117041718**
Target Property **70TH STREET & OAK CREEK ROAD** **CIWQS** **N/A**
MOJAVE, CA 93501 **CERS**

Site 7 of 7 in cluster CR

Actual: 3233 ft.

Focus Map: 14

NPDES:

Name:	RISING TREE I WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
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:	6B15C370033
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:	06/17/2014
Operator Name:	Rising Tree Wind Farm LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002

NPDES as of 03/2018:

RISING TREE I WIND FARM (Continued) **S117041718**

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	6B
Regulatory Measure ID:	446545
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C370033
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:	06/09/2014
Processed Date:	06/17/2014
Status:	Active
Status Date:	06/17/2014
Place Size:	1751
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager
Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm LLC
Developer Address:	808 Travis St
Developer City:	Houston
Developer State:	Texas
Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N
Emergency Phone:	713-858-1905
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 Commertial Ind:	N
Constype Electrical Line Ind:	N

RISING TREE I WIND FARM (Continued) **S117041718**

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:	Commerical Wind Farm
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	09-JUN-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	446545
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C370033
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm LLC
Discharge Address:	808 Travis St
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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

RISING TREE I WIND FARM (Continued) **S117041718**

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 Commertial 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:	RISING TREE I WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000002
Region:	6B
Agency Number:	0
Regulatory Measure ID:	446545
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	6B15C370033
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	808 Travis St

RISING TREE I WIND FARM (Continued) **S117041718**

Discharge Name:	Rising Tree Wind Farm LLC
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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:	6B
Regulatory Measure ID:	446545
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B15C370033
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:	06/09/2014
Processed Date:	06/17/2014
Status:	Active
Status Date:	06/17/2014
Place Size:	1751
Place Size Unit:	Acres
Contact:	Prashant Krishnan
Contact Title:	Operations Environmental Manager
Contact Phone:	919-749-5029
Contact Phone Ext:	Not reported
Contact Email:	Prashant.Krishnan@edpr.com
Operator Name:	Rising Tree Wind Farm LLC
Operator Address:	808 Travis St
Operator City:	Houston
Operator State:	Texas
Operator Zip:	77002
Operator Contact:	Prashant Krishnan
Operator Contact Title:	Operations Environmental Manager
Operator Contact Phone:	919-749-5029
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Prashant.Krishnan@edpr.com
Operator Type:	Private Business
Developer:	Rising Tree Wind Farm LLC
Developer Address:	808 Travis St
Developer City:	Houston
Developer State:	Texas

RISING TREE I WIND FARM (Continued) **S117041718**

Developer Zip:	77002
Developer Contact:	Prashant Krishnan
Developer Contact Title:	Operations Environmental Manager
Constype Linear Utility Ind:	N
Emergency Phone:	713-858-1905
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 Commertial 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:	Commerical Wind Farm
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Rosamond Lake
Certifier:	Colin Meskell
Certifier Title:	Construction Project Manager
Certification Date:	09-JUN-14
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	446545
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15C370033
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/17/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rising Tree Wind Farm LLC
Discharge Address:	808 Travis St
Discharge City:	Houston
Discharge State:	Texas
Discharge Zip:	77002
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

RISING TREE I WIND FARM (Continued) **S117041718**

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 Commertial 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

CIWQS:

Name:	RISING TREE I WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Rising Tree Wind Farm LLC
Agency Address:	808 Travis St Suite 700, Houston, TX 77002

RISING TREE I WIND FARM (Continued) **S117041718**

Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C370033
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	06/17/2014
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:	35.0739
Longitude:	-118.2373

CERS:

Name:	RISING TREE I WIND FARM
Address:	70TH STREET & OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	540911
CERS ID:	829767
CERS Description:	Construction Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Rising Tree Wind Farm LLC
Entity Title:	Operator
Affiliation Address:	808 Travis StSuite 700
Affiliation City:	Houston
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	77002
Affiliation Phone:	Not reported

---

728 **SCE EKWRA WORK PACKAGE 1 SEQUENCE 1** **CIWQS** **S112242035**
Target **LUP** **N/A**
Property **MOJAVE, CA 93501**

Actual: **3461 ft.**

Focus Map: **13**

CIWQS:

Name:	SCE EKWRA WORK PACKAGE 1 SEQUENCE 1
Address:	LUP
City,State,Zip:	MOJAVE, CA 93501
Agency:	Southern California Edison
Agency Address:	2244 Walnut Grove Ave GO 1 Quad 2C, Rosemead, CA 91770
Place/Project Type:	Construction - Below Ground
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction

SCE EKWRA WORK PACKAGE 1 SEQUENCE 1 (Continued) **S112242035**

Order Number:	2009-0009-DWQ
WDID:	6B15C365028
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	11/09/2012
Termination Date:	12/24/2013
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:	35.03839
Longitude:	-118.28126

---

729 **MOJAVE #2 BD** **SWF/LF** **S105678114**
Target **NE/4,NE/4,NW/4, SEC22,T11N,R12W.** **CERS** **N/A**
Property **MOJAVE, CA**

Actual: **2651 ft.**

Focus Map: **17**

SWF/LF (SWIS):

Name:	MOJAVE #2 BD
Address:	NE/4,NE/4,NW/4, SEC22,T11N,R12W.
City,State,Zip:	MOJAVE, CA
Facility ID:	15-CR-0020
Lat/Long:	35.0362 / -118.1277
Owner Name:	County of Kern Waste Management Dept.
Owner Telephone:	6618628900
Owner Address:	Not reported
Owner Address2:	1115 Truxton Ave
Owner City,St,Zip:	Bakersfield, CA 93301
Operational Status:	Closed
Operator:	County of Kern Waste Management Dept.
Operator Phone:	6618628900
Operator Address:	Not reported
Operator Address2:	1115 Truxton Ave
Operator City,St,Zip:	Bakersfield, CA 93301
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Annual
Accepted Waste:	Not reported
Closure Date:	12/31/1973
Closure Type:	Estimated
Disposal Acreage:	$20.00
SWIS Num:	15-CR-0020
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported

MOJAVE #2 BD (Continued) **S105678114**

Remaining Capacity with Units: Not reported
Lat/Long: 35.0362 / -118.1277

CERS:
Name: MOJAVE #2 BD
Address: NE/4,NE/4,NW/4, SEC22,T11N,R12W.
City,State,Zip: MOJAVE, CA
Site ID: 510263
CERS ID: 15-CR-0020
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: County of Kern Waste Management Dept.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301
Affiliation Phone: 6618628900

Affiliation Type Desc: Legal Owner
Entity Name: County of Kern Waste Management Dept.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301
Affiliation Phone: 6618628900

---

730 **PG&E PIPELINE** **EMI** **S124455015**
Target **HOLT STREET & BIG INCH PIPELINE ROAD** **N/A**
Property **MOJAVE, CA 93501**

Actual: **2752 ft.**
Focus Map: **16**

EMI:
Name: PG&E PIPELINE
Address: HOLT STREET & BIG INCH PIPELINE ROAD
City,State,Zip: MOJAVE, CA 93501
Year: 2017
County Code: 15
Air Basin: MD
Facility ID: 4002
Air District Name: KER
SIC Code: 4911
Air District Name: EASTERN KERN APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.021471514457
Reactive Organic Gases Tons/Yr: 0.015
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

CS731 **PG&E** **HAZNET** **S123065880**
Target **14675 HOLT STREET** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 2 in cluster CS

Actual:
2753 ft.

Focus Map:
16

HAZNET:

Name:	PG&E
Address:	14675 HOLT STREET
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	SCOTTIE GEE
Telephone:	6614378002
Mailing Name:	Not reported
Mailing Address:	PO BOX 7640
Year:	2017
Gepaid:	CAC002924802
TSD EPA ID:	CAD980884183
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.26
Year:	2017
Gepaid:	CAC002924802
TSD EPA ID:	CAT000646117
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	185.416
Year:	2017
Gepaid:	CAC002924802
TSD EPA ID:	CAD980884183
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:	2.225

Additional Info:

Year:	2017
Gen EPA ID:	CAC002924802
Shipment Date:	20171108
Creation Date:	6/13/2018 18:30:55
Receipt Date:	20171120
Manifest ID:	018047049JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE
TSDF EPA ID:	CAD980884183
Trans Name:	GEM OF RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported

PG&E (Continued) **S123065880**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20171025
Creation Date:	7/12/2018 18:30:34
Receipt Date:	20171113
Manifest ID:	018047124JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE
TSDF EPA ID:	CAD980884183
Trans Name:	GEM OF RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.1
Waste Quantity:	4200
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:	20171025
Creation Date:	7/12/2018 18:30:34
Receipt Date:	20171113
Manifest ID:	018047124JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	MNS000110924
Trans 2 Name:	STERICYCLE SPECIALTY WASTE
TSDF EPA ID:	CAD980884183
Trans Name:	GEM OF RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PG&E (Continued) **S123065880**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171018
Creation Date:	5/30/2018 18:33:51
Receipt Date:	20171019
Manifest ID:	016243261JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	37.926
Waste Quantity:	45
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:	20171012
Creation Date:	6/13/2018 18:31:10
Receipt Date:	20171012
Manifest ID:	016716609JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	50.568
Waste Quantity:	60
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:	20171004
Creation Date:	6/13/2018 18:31:35
Receipt Date:	20171004

PG&E (Continued) **S123065880**

Manifest ID:	016716619JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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
Shipment Date:	20171003
Creation Date:	5/30/2018 18:33:04
Receipt Date:	20171003
Manifest ID:	016716617JJK
Trans EPA ID:	CAR000269548
Trans Name:	PHILIP WEST INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	67.424
Waste Quantity:	80
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:	PG&E
Address:	14675 HOLT STREET
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAC002924802
Inactive Date:	11/23/2017
Create Date:	08/23/2017
Last Act Date:	12/20/2018
Mailing Name:	Not reported

PG&E (Continued) **S123065880**

Mailing Address:	PO BOX 7640
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN FRANCISCO, CA 941207640
Owner Name:	PACIFIC GAS & ELECTRIC
Owner Address:	PO BOX 7640
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 941207640
Contact Name:	LEAH UPCHURCH
Contact Address:	12626 JACKSON GATE RD
Contact Address 2:	Not reported
City,State,Zip:	JACKSON, CA 95642

NAICS:

EPA ID:	CAC002924802
Create Date:	2017-08-23 09:06:08
NAICS Code:	48621
NAICS Description:	Pipeline Transportation of Natural Gas
Issued EPA ID Date:	2017-08-23 09:06:08
Inactive Date:	2017-11-23 03:00:21
Facility Name:	PG&E
Facility Address:	14675 HOLT STREET
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	93501

CS732 **T-1230 LOCATION A** **HWTS** **S124669782**
Target **14675 HOLT STREET** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 2 in cluster CS

Actual:
2753 ft.

Focus Map:
16

HWTS:

Name:	T-1230 LOCATION A
Address:	14675 HOLT STREET
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAC002950160
Inactive Date:	05/29/2018
Create Date:	02/26/2018
Last Act Date:	05/29/2018
Mailing Name:	Not reported
Mailing Address:	PO BOX 7640
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN FRANCISCO, CA 94120
Owner Name:	PG&E-EPA IDS
Owner Address:	PO BOX 7640
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN FRANCISCO, CA 94120
Contact Name:	SCOTTIE GEE
Contact Address:	1918 H STREET
Contact Address 2:	Not reported
City,State,Zip:	BAKERSFIELD, CA 93301

NAICS:

EPA ID:	CAC002950160
Create Date:	2018-02-26 12:38:29

T-1230 LOCATION A (Continued) **S124669782**

NAICS Code:	999999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2018-02-26 12:38:29
Inactive Date:	2018-05-29 03:00:25
Facility Name:	T-1230 LOCATION A
Facility Address:	14675 HOLT STREET
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	93501

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733 **UNNAMED QUARRY** **MINES MRDS** **1025712194**
Target **N/A**
Property **MOJAVE, CA 93501**

Actual:
2620 ft.

Focus Map:
18

MINES MRDS:

Name:	UNNAMED QUARRY
Address:	Not reported
Deposit identification Number:	10236398
City,State,Zip:	MOJAVE, CALIFORNIA 93501
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10236398
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060290909
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Surface
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Sanborn Sand and Gravel
Ore Controls:	Not reported
Reporter:	Raney, Russell G.
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported

UNNAMED QUARRY (Continued) **1025712194**

Production History: Not reported
Discovery Information: Not reported
Latitude: 35.0322
Longitude: -118.1123

CT734 **WESTERN GROWTH PROPERTIES** **LUST** **S106034517**
Target **14501 HOLT ST** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 9 in cluster CT

Actual: **2755 ft.**
Focus Map: **16**

LUST Region 6V:

Name:	WESTERN GROWTH PROPERTIES
Address:	14501 HOLT ST
City:	MOJAVE
Region:	6V
Case Number:	6B1500966T
Leak Record:	11/17/1999
Report Date:	9/30/1999
Reported By Address:	Not reported
Responsible Party:	BLANK RP
Operator:	Not reported
Cross Street:	Not reported
Local Agency:	15000L
Regional Board:	6V
Chemical:	Diesel
Case Type:	Undefined
Funding:	Not reported
Enforce Type:	SEL
How Found:	OM
How Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Global ID:	T0602901010
Stop Date:	7/1/1999
Leak Confirm:	Not reported
Submit Workplan:	Not reported
Prelim Assess:	Not reported
Pollution Char:	7/1/1999
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	1/4/2000
Discovered:	7/1/1999
Enforce Date:	Not reported
Review Date:	11/17/1999
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
MTBE class:	*
Max MTBE Grnd Wtr:	Not reported
Max MTBE Soil:	Not reported
MTBE Counts:	0
MTBE Fuel:	0
MTBE Tested:	NRQ
Organization Name:	Not reported
Status:	Case Closed
Contact:	Not reported
Interim Action:	Not reported

WESTERN GROWTH PROPERTIES (Continued) **S106034517**

Pilot Program:	LUST
Lat/Long:	35 / -118.1856442
Staff Initials:	GDC
Local Agency Staff:	SBC
Lead Agency:	Local Agency
Summary:	Not reported
Basin Number:	ANTELOPE VALLEY (6-4
Beneficial:	Not reported
Priority:	Not reported
UST Cleanup Fund ID:	Not reported
Suspended:	Not reported
Local Case Number:	590014
Amount:	Not reported
Abate Method:	Not reported
Water System:	Not reported
Well Name:	Not reported
Distance:	11451.8324
Wst Disch Reqrmnt Global ID:	Not reported
Wst Disch Reqrmnt Name:	Not reported

CT735 **WESTERN GROWTH PROPERTIES** **FINDS** **1023273741**
Target **14501 HOLT ST** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 9 in cluster CT

Actual: **2755 ft.**

Focus Map: **16**

FINDS:

Registry ID:	110065638901
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065638901

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CT736 **REVERE EXTRUDERS, INC.** **LUST** **1000214682**
Target **14501 HOLT ST** **SWEEPS UST** **N/A**
Property **MOJAVE, CA 93501** **HIST UST**
CA FID UST
Site 3 of 9 in cluster CT **CERS**

Actual: **2755 ft.**

Focus Map: **16**

LUST:

Name:	WESTERN GROWTH PROPERTIES
Address:	14501 HOLT ST
City,State,Zip:	MOJAVE, CA 93501
Lead Agency:	KERN COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0602901010
Global Id:	T0602901010
Latitude:	35.0267611
Longitude:	-118.1856303
Status:	Completed - Case Closed
Status Date:	01/04/2000
Case Worker:	KC
RB Case Number:	6B1500966T
Local Agency:	KERN COUNTY

REVERE EXTRUDERS, INC. (Continued) **1000214682**

File Location: Not reported
Local Case Number: 590014
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0602901010
Contact Type: Local Agency Caseworker
Contact Name: Kern County
Organization Name: KERN COUNTY
Address: Not reported
City: R6V UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0602901010
Action Type: ENFORCEMENT
Date: 04/03/2002
Action: Staff Letter

Global Id: T0602901010
Action Type: Other
Date: 07/01/1999
Action: Leak Discovery

Global Id: T0602901010
Action Type: Other
Date: 07/01/1999
Action: Leak Stopped

Global Id: T0602901010
Action Type: Other
Date: 09/30/1999
Action: Leak Reported

LUST:
Global Id: T0602901010
Status: Open - Case Begin Date
Status Date: 07/01/1999

Global Id: T0602901010
Status: Open - Site Assessment
Status Date: 07/01/1999

Global Id: T0602901010
Status: Completed - Case Closed
Status Date: 01/04/2000

SWEEPS UST:
Name: REVERE EXTRUDERS, INC.
Address: 14501 HOLT ST
City: MOJAVE
Status: Active

REVERE EXTRUDERS, INC. (Continued) **1000214682**

Comp Number: 17762
Number: 9
Board Of Equalization: 44-005908
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 09-30-89
Owner Tank Id: RET-1
SWRCB Tank Id: 15-000-017762-000001
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 5

Name: REVERE EXTRUDERS, INC.
Address: 14501 HOLT ST
City: MOJAVE
Status: Active
Comp Number: 17762
Number: 9
Board Of Equalization: 44-005908
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 09-30-89
Owner Tank Id: RET-2
SWRCB Tank Id: 15-000-017762-000002
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: REVERE EXTRUDERS, INC.
Address: 14501 HOLT ST
City: MOJAVE
Status: Active
Comp Number: 17762
Number: 9
Board Of Equalization: 44-005908
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 09-30-89
Owner Tank Id: RET-3
SWRCB Tank Id: 15-000-017762-000003
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: REVERE EXTRUDERS, INC.

REVERE EXTRUDERS, INC. (Continued) **1000214682**

Address: 14501 HOLT ST
City: MOJAVE
Status: Active
Comp Number: 17762
Number: 9
Board Of Equalization: 44-005908
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 09-30-89
Owner Tank Id: RET-6
SWRCB Tank Id: 15-000-017762-000006
Tank Status: A
Capacity: 1000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: REVERE EXTRUDERS, INC.
Address: 14501 HOLT ST
City: MOJAVE
Status: Active
Comp Number: 17762
Number: 9
Board Of Equalization: 44-005908
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 09-30-89
Owner Tank Id: RET-7
SWRCB Tank Id: 15-000-017762-000007
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: REVERE EXTRUDERS, INC.
Address: 14501 HOLT ST
City,State,Zip: MOJAVE, CA 93501
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000017762
Facility Type: Other
Other Type: ALUMINUM EXTRUSION
Contact Name: HAROLD MARLOW
Telephone: 8058244021
Owner Name: CALIF. CITY DEV. CO., INC.
Owner Address: 6615 HOOCHANEETSA-BOX 66
Owner City,St,Zip: COCHITI LAKE, NM 87041
Total Tanks: 0007

Tank Num: 001

REVERE EXTRUDERS, INC. (Continued) **1000214682**

Container Num:	RET-1
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	RET-2
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	RET-3
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	RET-4
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	RET-5
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	RET-6
Year Installed:	1960
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	007
Container Num:	RET-7
Year Installed:	1960
Tank Capacity:	00000500

REVERE EXTRUDERS, INC. (Continued) **1000214682**

Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CA FID UST:
Facility ID: 15002430
Regulated By: UTNKA
Regulated ID: 00017762
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8058244021
Mail To: Not reported
Mailing Address: 14501 HOLT ST
Mailing Address 2: Not reported
Mailing City,St,Zip: MOJAVE 93501
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS:
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City,State,Zip: MOJAVE, CA 93501
Site ID: 232063
CERS ID: T0602901010
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: Kern County - KERN COUNTY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R6V UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CT737 **STEVEN OLIVER PROPERTY** **UST** **U004113439**
Target **14501 HOLT ST** **N/A**
Property **MOJAVE, CA 93501**

Site 4 of 9 in cluster CT

Actual:
2755 ft.

Focus Map:
16

KERN CO. UST:
Name: REVERE EXTRUDERS
Address: 14501 HOLT ST
City: MOJAVE
Region: Kern
Facility ID: Not reported
CERSID: Not reported

STEVEN OLIVER PROPERTY (Continued) **U004113439**

Owner Id: 590014
Owner Name: Not reported

Tank Num: 1
Tank Capacity: 0
Common Name: Not reported
Description: Not reported
Number of Compartments: Not reported
Install Date: Not reported
Date of Closure: Not reported
Billing Status: Not reported
Mailing Address: Not reported
Mailing Address (care of): Not reported
Mailing City/State/Zip: Not reported

Tank Num: 590014
Tank Capacity: 12,000
Common Name: Not reported
Description: DIESEL
Number of Compartments: Not reported
Install Date: 01/01/1978
Date of Closure: 07/01/1999
Billing Status: Inactive, non-billable
Mailing Address: PO BOX 3568
Mailing Address (care of): GROWTH WESTERN PROPERTIES INC
Mailing City/State/Zip: GRANADA HILLS, CA 93501

Tank Num: 590014
Tank Capacity: 1,000
Common Name: Not reported
Description: DIESEL
Number of Compartments: Not reported
Install Date: 01/01/1978
Date of Closure: 07/01/1999
Billing Status: Inactive, non-billable
Mailing Address: PO BOX 3568
Mailing Address (care of): GROWTH WESTERN PROPERTIES INC
Mailing City/State/Zip: GRANADA HILLS, CA 93501

Tank Num: 590014
Tank Capacity: 1,000
Common Name: Not reported
Description: REGULAR UNLEADED
Number of Compartments: Not reported
Install Date: 01/01/1978
Date of Closure: 07/01/1999
Billing Status: Inactive, non-billable
Mailing Address: PO BOX 3568
Mailing Address (care of): GROWTH WESTERN PROPERTIES INC
Mailing City/State/Zip: GRANADA HILLS, CA 93501

Tank Num: 590014
Tank Capacity: 12,000

STEVEN OLIVER PROPERTY (Continued) **U004113439**

Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	01/01/1978
Date of Closure:	07/01/1999
Billing Status:	Inactive, non-billable
Mailing Address:	PO BOX 3568
Mailing Address (care of):	GROWTH WESTERN PROPERTIES INC
Mailing City/State/Zip:	GRANADA HILLS, CA 93501

Tank Num:	590014
Tank Capacity:	12,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	01/01/1978
Date of Closure:	07/01/1999
Billing Status:	Inactive, non-billable
Mailing Address:	PO BOX 3568
Mailing Address (care of):	GROWTH WESTERN PROPERTIES INC
Mailing City/State/Zip:	GRANADA HILLS, CA 93501

CT738 **UNKNOWN** **HIST CORTESE** **S104402903**
Target **14501 HOLT ST** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 9 in cluster CT

Actual: **2755 ft.**
Focus Map: **16**

HIST CORTESE:

edr_fname:	UNKNOWN
edr_fadd1:	14501 Holt St
City,State,Zip:	Mojave, CA 93501
Region:	CORTESE
Facility County Code:	15
Reg By:	LTNKA
Reg Id:	6B1500966T

CT739 **REVERE EXTRUDERS, INC** **HAZNET** **S123752912**
Target **14501 HOLT ST** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 6 of 9 in cluster CT

Actual: **2755 ft.**
Focus Map: **16**

HAZNET:

Name:	REVERE EXTRUDERS, INC
Address:	14501 HOLT ST
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
Contact:	INACT UNDELVR SURVEY 12-21-94
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	14501 HOLT ST
Year:	1987
Gepaid:	CAD056430945

REVERE EXTRUDERS, INC (Continued) **S123752912**

TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 4.3785

Year: 1987
Gepaid: CAD056430945
TSD EPA ID: Not reported
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: -
Tons: 46.354

Year: 1986
Gepaid: CAD056430945
TSD EPA ID: CAT080011059
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 2.085

HWTS:
Name: REVERE EXTRUDERS, INC
Address: 14501 HOLT ST
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
EPA ID: CAD056430945
Inactive Date: 01/01/1995
Create Date: 04/10/1987
Last Act Date: 07/24/2001
Mailing Name: Not reported
Mailing Address: 14501 HOLT ST
Mailing Address 2: Not reported
Mailing City,State,Zip: MOJAVE, CA 935010000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACT UNDELVR SURVEY 12-21-94
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

CT740 **WESTERN GROWTH PROPERTIES** **RGA LUST** **S114721286**
Target **14501 HOLT ST** **N/A**
Property **MOJAVE, CA**

Site 7 of 9 in cluster CT

Actual: **2755 ft.**
Focus Map: **16**

RGA LUST:
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2012 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE

WESTERN GROWTH PROPERTIES (Continued) **S114721286**

State: MOJAVE
2011 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2010 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2009 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2008 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2007 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2006 WESTERN GROWTH PROPERTIES 14501 HOLT ST
Name: WESTERN GROWTH PROPERTIES
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2005 WESTERN GROWTH PROPERTIES 14501 HOLT ST

CT741 **UNKNOWN** **RGA LUST** **S114710157**
Target Property **14501 HOLT ST, MOJAVE, CA** **N/A**

Site 8 of 9 in cluster CT

Actual: 2755 ft.
Focus Map: 16

RGA LUST:
Name: UNKNOWN
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2003 UNKNOWN 14501 HOLT ST
Name: UNKNOWN
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2002 UNKNOWN 14501 HOLT ST
Name: UNKNOWN
Address: 14501 HOLT ST
City: MOJAVE
State: MOJAVE
2001 UNKNOWN 14501 HOLT ST
Name: UNKNOWN
Address: 14501 HOLT ST
City: MOJAVE

UNKNOWN (Continued) **S114710157**

State: MOJAVE
2000 UNKNOWN 14501 HOLT ST

CT742 **GRANITE CONSTRUCTION** **HAZNET** **S117295043**
Target **HOLT AND CAMELOT** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 9 of 9 in cluster CT

Actual: **2755 ft.**

Focus Map: **16**

HAZNET:

Name:	GRANITE CONSTRUCTION
Address:	HOLT AND CAMELOT
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	VINDI NDULUTE
Telephone:	8317500582
Mailing Name:	Not reported
Mailing Address:	PO BOX 50085
Year:	2013
Gepaid:	CAC002735035
TSD EPA ID:	CAL000282598
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:	1.975
Year:	2013
Gepaid:	CAC002735035
TSD EPA ID:	CAL000282598
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22935
Year:	2013
Gepaid:	CAC002735035
TSD EPA ID:	CAL000282598
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:	0.22935

Additional Info:

Year:	2013
Gen EPA ID:	CAC002735035
Shipment Date:	20130628
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130703
Manifest ID:	011503608JJK
Trans EPA ID:	CAL000268462
Trans Name:	CSI (COLES SERVICES INC-DBA: COLES ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000282598

GRANITE CONSTRUCTION (Continued) **S117295043**

Trans Name: BTI (BAKERSFIELD TRANSFER INC)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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: 20130628
Creation Date: 9/15/2013 22:15:09
Receipt Date: 20130703
Manifest ID: 011504217JJK
Trans EPA ID: CAL000268462
Trans Name: CSI (COLES SERVICES INC-DBA: COLES ENVIRONMENTAL)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000282598
Trans Name: BTI (BAKERSFIELD TRANSFER INC)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.75
Waste Quantity: 3500
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: 20130628
Creation Date: 9/15/2013 22:15:09
Receipt Date: 20130703
Manifest ID: 011504217JJK
Trans EPA ID: CAL000268462
Trans Name: CSI (COLES SERVICES INC-DBA: COLES ENVIRONMENTAL)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAL000282598
Trans Name: BTI (BAKERSFIELD TRANSFER INC)
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

GRANITE CONSTRUCTION (Continued) **S117295043**

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:	20130628
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130703
Manifest ID:	011504217JJK
Trans EPA ID:	CAL000268462
Trans Name:	CSI (COLES SERVICES INC-DBA: COLES ENVIRONMENTAL)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000282598
Trans Name:	BTI (BAKERSFIELD TRANSFER INC)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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
Shipment Date:	20130628
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130703
Manifest ID:	011504217JJK
Trans EPA ID:	CAL000268462
Trans Name:	CSI (COLES SERVICES INC-DBA: COLES ENVIRONMENTAL)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000282598
Trans Name:	BTI (BAKERSFIELD TRANSFER INC)
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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

GRANITE CONSTRUCTION (Continued) **S117295043**

Additional Code 5: Not reported

HWTS:

Name:	GRANITE CONSTRUCTION
Address:	HOLT AND CAMELOT
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAC002735035
Inactive Date:	09/26/2013
Create Date:	06/27/2013
Last Act Date:	09/27/2013
Mailing Name:	Not reported
Mailing Address:	PO BOX 50085
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WATSONVILLE, CA 95077
Owner Name:	GRANITE CONSTRUCTION
Owner Address:	PO BOX 50085
Owner Address 2:	Not reported
Owner City,State,Zip:	WATSONVILLE, CA 95077
Contact Name:	VINDI NDULUTE
Contact Address:	3000 JAMES RD
Contact Address 2:	Not reported
City,State,Zip:	BAKERSFIELD, CA 933089179

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743 **PINYON PINES WIND I** **EMI** **S124455174**
Target **5001 CAMELOT BLVD.** **N/A**
Property **MOJAVE, CA 93501**

Actual: **2861 ft.**

Focus Map: **15**

EMI:

Name:	PINYON PINES WIND I
Address:	5001 CAMELOT BLVD.
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	478
Air District Name:	KER
SIC Code:	4911
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.8511312636
Reactive Organic Gases Tons/Yr:	0.59408
Carbon Monoxide Emissions Tons/Yr:	0.00548
NOX - Oxides of Nitrogen Tons/Yr:	0.00214
SOX - Oxides of Sulphur Tons/Yr:	0.00028
Particulate Matter Tons/Yr:	0.00016096579477
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00016

744 **MOJAVE STP** **ENF** **S102003539**
Target **SE OF MOJAVE** **WDS** **N/A**
Property **MOJAVE, CA 93501** **WDR**
CIWQS
CERS

Actual: **2660 ft.**

Focus Map: **17**

ENF:

Name:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	WDR
# 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

MOJAVE STP (Continued) **S102003539**

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):	390063
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	04/25/2013
Adoption/Issuance Date:	04/25/2013
Achieve Date:	Not reported
Termination Date:	08/13/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 04/25/2013 for MOJAVE PUD
Description:	Restore flow control of the discharge from the last oxidation pond into the percolation pond
Program:	WDRMUNILRG
Latest Milestone Completion Date:	8/13/2013
# 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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

MOJAVE STP (Continued) **S102003539**

SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	WDR
# 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):	256610
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	01/14/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported

MOJAVE STP (Continued) **S102003539**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	Discharger agreed to provide graphes.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	WDR
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported

MOJAVE STP (Continued) **S102003539**

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):	256102
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	01/26/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	Discharger state it would include tabular & graphical
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic

MOJAVE STP (Continued) **S102003539**

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	WDR
# 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

MOJAVE STP (Continued) **S102003539**

Enforcement Id(EID):	255897
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	06/09/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	Verbal-phone call-discharger will check plant more often to keep BOD under permit limit. No further action.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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

MOJAVE STP (Continued) **S102003539**

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:	WDR
# 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):	255895
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	06/09/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	Verbal-phone call-discharger did take BOD samples, but forgot to put them in report. (BOD below permit limit). Discharger will add results to next monthly report.
Program:	WDRMUNILRG
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

MOJAVE STP (Continued) **S102003539**

Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Mojave PUD
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	0.6
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNILRG
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	6B150111001
Reg Measure Id:	148398
Reg Measure Type:	WDR
Region:	Not reported
Order #:	01-036
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/18/2016
Effective Date:	06/13/2001

MOJAVE STP (Continued) **S102003539**

Expiration/Review Date:	06/13/2011
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:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	406746
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	06/08/2016
Adoption/Issuance Date:	06/08/2016
Achieve Date:	Not reported
Termination Date:	06/08/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 06/08/2016 for Mojave PUD
Description:	06/08/2016 Spoke with Bee. He said it had been sent, but he will resend it today.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Mojave PUD
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132

MOJAVE STP (Continued) **S102003539**

NAICS Desc 1:	Sewage Treatment Facilities
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:	0.6
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNILRG
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1
WDID:	6B150111001
Reg Measure Id:	148398
Reg Measure Type:	WDR
Region:	Not reported
Order #:	01-036
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/18/2016
Effective Date:	06/13/2001
Expiration/Review Date:	06/13/2011
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:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	406111
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	05/04/2016
Adoption/Issuance Date:	05/04/2016
Achieve Date:	Not reported
Termination Date:	05/04/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

MOJAVE STP (Continued) **S102003539**

Title:	Oral Com 05/04/2016 for Mojave PUD
Description:	Spoke with Bee Coy Jr. When I asked about the freeboard level, he explained that it was recorded incorrectly. The 0.4 ft was how much water was in the pond, not the amount of freeboard. He also stated that he would instruct his people to record the data properly to prevent erroneous violations in future.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Mojave PUD
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	0.6
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WDRMUNILRG
Program Category1:	WDR
Program Category2:	WDR
# Of Programs:	1

MOJAVE STP (Continued) **S102003539**

WDID:	6B150111001
Reg Measure Id:	148398
Reg Measure Type:	WDR
Region:	Not reported
Order #:	01-036
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	04/18/2016
Effective Date:	06/13/2001
Expiration/Review Date:	06/13/2011
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:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	404941
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	03/07/2016
Adoption/Issuance Date:	03/07/2016
Achieve Date:	Not reported
Termination Date:	03/07/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 03/07/2016 for Mojave PUD
Description:	03/07/2016 Spoke with Claudia. Informed her that the reports needed to have signatures and correct data.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188

MOJAVE STP (Continued) **S102003539**

Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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:	WDR
# 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

MOJAVE STP (Continued) **S102003539**

Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	253015
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/16/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	An SEL was sent out on 6-16-04 regarding timely submittal.
Program:	WDRMUNILRG
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:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241188
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.030014
Place Longitude:	-118.146276
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
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

MOJAVE STP (Continued) **S102003539**

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:	WDR
# 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):	252161
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	08/02/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B150111001
Description:	Discharger failed to submit 2003 annual SMR
Program:	WDRMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

MOJAVE STP (Continued) **S102003539**

Liability $ Paid: 0
Project $ Completed: 0
Total $ Paid/Completed Amount: 0

WDS:

Name:	MOJAVE STP
Address:	SE OF MOJAVE
City:	MOJAVE
Facility ID:	South Lahontan 150111001
Facility Type:	Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of less than 1,000 gallons per day).
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	6618244161
Facility Contact:	BRUCE GAINES
Agency Name:	MOJAVE PUD
Agency Address:	15844 K ST
Agency City,St,Zip:	MOJAVE 93501
Agency Contact:	BRUCE GAINES
Agency Telephone:	6618244161
Agency Type:	Special District (Includes districts established under general acts, sanitary districts, water districts irrigation districts, etc.)
SIC Code:	4952
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	DOMEST
Waste Type2:	Not reported
Waste2:	Domestic Sewage
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	1
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

MOJAVE STP (Continued) **S102003539**

WDR:

Name:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Global ID:	WDR100033461
Status:	ACTIVE - WDR

CIWQS:

Name:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Agency:	Mojave PUD
Agency Address:	15844 K Street, Mojave, CA 93501
Place/Project Type:	Wastewater Treatment Facility
SIC/NAICS:	4952
Region:	6V
Program:	WDRMUNILRG
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	01-036
WDID:	6B150111001
NPDES Number:	Not reported
Adoption Date:	06/13/2001
Effective Date:	06/13/2001
Termination Date:	Not reported
Expiration/Review Date:	06/13/2011
Design Flow:	0.6
Major/Minor:	Not reported
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	3
Violations within 5 years:	19
Latitude:	35.030014
Longitude:	-118.146276

CERS:

Name:	MOJAVE STP
Address:	SE OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	135963
CERS ID:	241188
CERS Description:	Waste Discharge Requirements

Violations:

Site ID:	135963
Site Name:	Mojave STP
Violation Date:	06-19-2007
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	The pH limit of 9 was exceeded by 9.3.
Violation Division:	Water Boards
Violation Program:	WDR
Violation Source:	CIWQS

Site ID:	135963
Site Name:	Mojave STP

MOJAVE STP (Continued) **S102003539**

Violation Date: 06-19-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The TDS limit of 1000 mg/L was exceeded by 1300
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 09-12-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 66 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 12-01-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: BOD OVER LIMITS, DIDN'T INCLUDE DO OR PH IN 3RD QUARTER 95 SMR
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-26-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Annual report missing tabular and graphical summaries. Violation of Sec. II, B,2.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 08-28-2002
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Discharge exceeded monthly average BOD of 45 mg/L and maximum BOD of 60 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 02-01-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILED TO INCLUDE DO AND pH IN POND MONITORING FOR 4TH QUARTER 1994

MOJAVE STP (Continued) **S102003539**

SMR.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-20-1994
Citation: California Water Code
Violation Description: Not reported
Violation Notes: DIDN'T INCLUDE GW MONITORING FOR ANNUAL 1993 SUBMITTAL SMR.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-20-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 140 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-14-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The freeboard for any oxidation or percolation pond is not to fall under 2 ft. Oxidation pond P-2 had a freeboard of 1 ft.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 10-27-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FREEBOARD REPORTED AT 1'- 2" FOR AUGUST, 1' FOR SEPTEMBER BOTH. BOTH ARE LESS THAN 2.0 FOOT MINIMUM
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 04-02-2004
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The Second Monthly 2004 SMR was received 15 days late.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

MOJAVE STP (Continued) **S102003539**

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-13-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 50.3 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 03-24-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: BOD data missing from report. Violation of Sections I,A,1 & 4.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-16-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 2nd quarter 2003 SMR average BOD for the quarter was 55.5 mg/L which is above the mean limit of 45 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 05-22-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 13 Days Late
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 08-27-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: ANNUAL 98 SMR RECEIVED 7 DAYS LATE
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-20-2017
Citation: California Water Code
Violation Description: Not reported

MOJAVE STP (Continued) **S102003539**

Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 102 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-20-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The report was 25 days late past the due date of 1/1/07.
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-02-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Annual SMR not submitted
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 04-22-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Freeboard levels in Ponds D-1, P-5, and D-2 was less than minimum limit (2 ft). Violates Board Order No. 6-01-036, WDR Req. I.C.9.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-22-2004
Citation: California Water Code
Violation Description: Not reported
Violation Notes: BOD @ 61 mg/L in April. Violation of Section I,A,4 (BOD maximum 60 mg/L).
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-11-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Dissolved Oxygen Instantaneous Minimum limit is 1 mg/L and reported value was 0.83 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG

MOJAVE STP (Continued) **S102003539**

Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-20-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The TDS limit of 1000 mg/L was exceeded by 1400 mg/L.
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-28-2011
Citation: California Water Code
Violation Description: Not reported
Violation Notes: pH Monthly Average (Mean) limit is 9 SU and reported value was 9.38 SU.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 12-19-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 70 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 03-01-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Annual report missing tabular and graphical summaries as well as summary of violations and compliance status for Annual 2005 report. Violation of Sec. II, B,2.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-20-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The MBAS limit of 2.0 mg/L was exceeded by 4.2 mg/L. The TDS limit of 1000 mg/L was exceeded by 1700 mg/L. The sulfate limit of 500 mg/L was exceeded by 520 mg/L.
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

MOJAVE STP (Continued) **S102003539**

Site ID: 135963
Site Name: Mojave STP
Violation Date: 03-19-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: BOD limit was exceeded, (limit= 60 mg/L) Measurement = 63 mg/L
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 07-21-1994
Citation: California Water Code
Violation Description: Not reported
Violation Notes: DIDNT INCLUDE GW MONITORING FOR SECOND QUARTER 1994 SMR
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 05-20-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 08/30/2005
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 09-12-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 105.3 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 08-04-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 2 Q 2000 SMR 2 days late
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-01-2004
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit 2003 annual sludge SMR.

MOJAVE STP (Continued) **S102003539**

Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-13-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 74.6 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 02-16-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to report oxidation pond monitoring of hexavalent chromium and total chromium. Violates Board Order No. 6-01-36, MRP Req. I D.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 04-22-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to monitor effluent BOD, TKN, Ammonia Nitrogen, and Nitrate Nitrogen. Violates Board Order No. 6-01-036, MRP Req. I.C.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 05-20-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded monthly average effluent limit for MBAS [1.0 mg/L]. Violates Board Order No. 6-01-36, WDR Req. I. A. 4.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 04-24-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: DIDNT INCLUDE GW MONITORING OR DO, PH FOR EFFLUENT MONITORING FOR 1ST 1/4 95
Violation Division: Water Boards
Violation Program: WDRMUNILRG

MOJAVE STP (Continued) **S102003539**

Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 03-19-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded pH effluent limitation (6.0 - 9.0) in violation of Board Order No. 6-01-36.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-20-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The report was 14 days late past the due date of 2/1/07.
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 05-20-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded maximum effluent limit for MBAS [2.0 mg/L]. Violates Board Order No. 6-01-36, WDR Req. I. A. 4.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 08-27-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 1 Q 99 SMR RECEIVED 6 DAYS LATE
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-21-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4th Q 2002 SMR effluent BOD from percolation pond for November and December was 189 mg/L and 62 mg/L respectively. BO requires BOD maximum 60 mg/L and 45 mg/L average.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963

MOJAVE STP (Continued) **S102003539**

Site Name: Mojave STP
Violation Date: 06-11-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MRP I.C. - Effluent Samples not taken for May 2019
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-25-2016
Citation: California Water Code
Violation Description: Not reported
Violation Notes: No signature on report. Violates Board Order No. R6V-2001-0036 WDR I.C. Standard Provisions 2.e.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 03-27-2013
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Water Board staff observed a leaking discharge valve during a facility inspection. This valve controls the discharge of effluent from the final oxidation pond no. 6 to the percolation pond.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-28-2011
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Monthly Average (Mean) limit is 45 ml/L and reported value was 54 ml/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 09-21-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) 3-Sample Average (Mean) limit is 45 mg/L and reported value was 94.67 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-13-2017

MOJAVE STP (Continued) **S102003539**

Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 110 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 05-20-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded monthly average effluent limit for BOD [45 mg/L]. Violates Board Order No. 6-01-36, WDR Req. I. A. 4.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 02-22-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: TDS level is 1700 mg/L; exceeded by 700mg/L
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 09-21-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 78 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 06-19-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The report was 19 days late past the due date of 3/1/07.
Violation Division: Water Boards
Violation Program: WDR
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-25-2016
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 75 mg/L.

MOJAVE STP (Continued) **S102003539**

Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 01-14-2015
Citation: California Water Code
Violation Description: Not reported
Violation Notes: pH Daily Maximum limit is 9.0 SU and reported value was 9.15 SU.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Violation Date: 12-19-2017
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C) Daily Maximum limit is 60 mg/L and reported value was 66 mg/L.
Violation Division: Water Boards
Violation Program: WDRMUNILRG
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2013
Violations Found: Yes
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection

MOJAVE STP (Continued) **S102003539**

Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-30-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 08-30-2001
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-12-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2017
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 03-16-2000
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG

MOJAVE STP (Continued) **S102003539**

Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 12-11-2018
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: WDRMUNILRG
Eval Source: CIWQS

Enforcement Action:
Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 01-14-2005
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501

MOJAVE STP (Continued) **S102003539**

Enf Action Date: 01-26-2005
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-07-2016
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 04-25-2013
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 05-04-2016
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 06-08-2016
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards

MOJAVE STP (Continued) **S102003539**

Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 06-09-2005
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 06-16-2004
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

Site ID: 135963
Site Name: Mojave STP
Site Address: SE OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 08-02-2004
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: WDRMUNILRG
Enf Action Source: CIWQS

CU745 **ALON ASPHALT COMPANY** **RCRA NonGen / NLR** **1024860536**
Target **1873 PURDY RD** **CAL000428981**
Property **MOJAVE, CA 93501**

Site 1 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

RCRA NonGen / NLR:
Date form received by agency: 2017-07-07 00:00:00.0
Facility name: ALON ASPHALT COMPANY
Facility address: 1873 PURDY RD
MOJAVE, CA 93501
EPA ID: CAL000428981
Contact: MARK WELLS
Contact address: 20555 RICHMOND BEACH DRIVE NW
SEATTLE, WA 98177

ALON ASPHALT COMPANY (Continued) **1024860536**

Contact country: Not reported
Contact telephone: 206-794-9759
Contact email: MWELLS@PPCLA.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DELEK US HOLDINGS
Owner/operator address: 7102 COMMERCE WAY
BRENTWOOD, TN 37027
Owner/operator country: Not reported
Owner/operator telephone: 615-771-6701
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARK WELLS
Owner/operator address: 20555 RICHMOND BEACH DRIVE NW
SEATTLE, WA 98177
Owner/operator country: Not reported
Owner/operator telephone: 206-794-9759
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

CU746 **MOJAVE ASPHALT TERMINAL** **FINDS** **1024642317**
Target Property **1873 PURDY ROAD** **N/A**
MOJAVE, CA 93501

Site 2 of 20 in cluster CU

Actual: 2660 ft.
Focus Map: 17

FINDS:
Registry ID: 110070430704
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070430704

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.

CU747 **MOJAVE TERMINAL** **FINDS** **1024709494**
Target Property **1873 PURDY ROAD** **ECHO** **N/A**
MOJAVE, CA 93501

Site 3 of 20 in cluster CU

Actual: 2660 ft.
Focus Map: 17

FINDS:
Registry ID: 110070504032
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070504032

Environmental Interest/Information System:
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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1024709494
Registry ID: 110070504032
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070504032
Name: MOJAVE TERMINAL
Address: 1873 PURDY ROAD
City,State,Zip: MOJAVE, CA 93501

CU748 **ALON ASPHALT MOJAVE** **FINDS** **1023697460**
Target **1873 PURDY ROAD** **ECHO** **N/A**
Property **MOJAVE, CA 93501**

Site 4 of 20 in cluster CU

Actual: **2660 ft.**
Focus Map: **17**

FINDS:
Registry ID: 110070094541
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070094541

Environmental Interest/Information System:
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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1023697460
Registry ID: 110070094541
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070094541
Name: ALON ASPHALT MOJAVE
Address: 1873 PURDY ROAD
City,State,Zip: MOJAVE, CA 93501

CU749 **ALON ASPHALT COMPANY - MOJAVE TERMINAL** **FINDS** **1023538426**
Target **1873 PURDY RD** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 20 in cluster CU

Actual: **2660 ft.**
Focus Map: **17**

FINDS:
Registry ID: 110069499386
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110069499386

Environmental Interest/Information System:
TSCA SUBMITTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CU750 **MOJAVE ASPHALT TERMINAL** **ECHO** **1024166257**
Target **1873 PURDY ROAD** **N/A**
Property **MOJAVE, CA 93501**

Site 6 of 20 in cluster CU

Actual: **2660 ft.**
Focus Map: **17**

ECHO:
Envid: 1024166257
Registry ID: 110070430704
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070430704
Name: MOJAVE ASPHALT TERMINAL
Address: 1873 PURDY ROAD

MOJAVE ASPHALT TERMINAL (Continued) **1024166257**

City,State,Zip: MOJAVE, CA 93501

CU751 **MOJAVE ASPHALT TERMINAL** **HWTS** **S124948341**
Target **1873 PURDY ROAD** **N/A**
Property **MOJAVE, CA 93501**

Site 7 of 20 in cluster CU

Actual: **2660 ft.**
Focus Map: **17**

HWTS:

Name:	MOJAVE ASPHALT TERMINAL
Address:	1873 PURDY ROAD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAR000286500
Inactive Date:	Not reported
Create Date:	08/08/2018
Last Act Date:	09/24/2019
Mailing Name:	Not reported
Mailing Address:	10090 WATERMAN RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ELK GROVE, CA 95624
Owner Name:	ASPHALT TERMINALS LLC
Owner Address:	6 CENTERPOINTE DRIVE STE 500
Owner Address 2:	Not reported
Owner City,State,Zip:	LA PALMA, CA 90623
Contact Name:	KURTIS VAN HOOF
Contact Address:	10090 WATERMAN RD
Contact Address 2:	Not reported
City,State,Zip:	ELK GROVE, CA 95624

CU752 **ALON ASPHALT COMPANY** **FINDS** **1024640013**
Target **1873 PURDY RD** **ECHO** **N/A**
Property **MOJAVE, CA 93501**

Site 8 of 20 in cluster CU

Actual: **2660 ft.**
Focus Map: **17**

FINDS:

Registry ID:	110070428400
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070428400

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:	1024640013
Registry ID:	110070428400
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070428400
Name:	ALON ASPHALT COMPANY

ALON ASPHALT COMPANY (Continued) **1024640013**

Address: 1873 PURDY RD
City,State,Zip: MOJAVE, CA 93501

CU753 **MOJAVE ASPHALT TERMINAL** **RCRA-VSQG** **1024877102**
Target **1873 PURDY ROAD** **CAR000286500**
Property **MOJAVE, CA 93501**

Site 9 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

RCRA-VSQG:

Date form received by agency:	2018-08-02 00:00:00.0
Facility name:	MOJAVE ASPHALT TERMINAL
Facility address:	1873 PURDY ROAD MOJAVE, CA 93501
EPA ID:	CAR000286500
Mailing address:	PURDY ROAD MOJAVE, CA 93501
Contact:	PETRONILO GARCIA
Contact address:	PURDY ROAD MOJAVE, CA 93501
Contact country:	US
Contact telephone:	661-754-9032
Contact email:	PETRONILO.GARCIA@ANDEAVOR.COM
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ASPHALT TERMINALS LLC
Owner/operator address:	CENTERPOINTE DRIVE SUITE 500 LA PALMA, CA 90623
Owner/operator country:	US
Owner/operator telephone:	314-269-3684
Owner/operator email:	JUSTIN.IVY@ANDEAVOR.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2018-05-21 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	ASPHALT TERMINALS LLC
Owner/operator address:	CENTERPOINTE DRIVE SUITE 500 LA PALMA, CA 90623

MOJAVE ASPHALT TERMINAL (Continued) **1024877102**

Owner/operator country:	US
Owner/operator telephone:	314-269-3684
Owner/operator email:	JUSTIN.IVY@ANDEAVOR.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2018-05-21 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code:	221
. Waste name:	Waste oil and mixed oil
. Waste code:	223
. Waste name:	Unspecified oil-containing waste
. Waste code:	291
. Waste name:	Latex waste
. Waste code:	331
. Waste name:	Off-specification, aged, or surplus organics
. Waste code:	D002
. Waste name:	CORROSIVE WASTE
Violation Status:	No violations found

CU754 **MOJAVE TERMINAL** **CIWQS** **S123405610**
Target **1873 PURDY ROAD** **N/A**
Property **MOJAVE, CA 93501**

Site 10 of 20 in cluster CU

Actual: **2660 ft.**

Focus Map: **17**

CIWQS:

Name:	MOJAVE TERMINAL
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Asphalt Terminals LLC
Agency Address:	6 Centerpointe Drive Suite 500, La Palma, CA 90623

MOJAVE TERMINAL (Continued) **S123405610**

Place/Project Type:	Industrial - Asphalt Paving Mixtures and Blocks
SIC/NAICS:	2951(+)
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I027983
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/11/2018
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:	35.029452
Longitude:	-118.165073

CU755 **ALON ASPHALT COMPANY** **HAZNET** **S123605718**
Target **1873 PURDY RD** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 11 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

HAZNET:

Name:	ALON ASPHALT COMPANY
Address:	1873 PURDY RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935017404
Contact:	ANNINA BROWN
Telephone:	5625312060
Mailing Name:	Not reported
Mailing Address:	14700 DOWNEY AVE
Year:	2016
Gepaid:	CAC002874743
TSD EPA ID:	NED981723513
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	10.1

HWTS:

Name:	ALON ASPHALT COMPANY
Address:	1873 PURDY RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935017404
EPA ID:	CAC002874743
Inactive Date:	11/22/2016
Create Date:	08/22/2016
Last Act Date:	11/22/2016
Mailing Name:	Not reported
Mailing Address:	14700 DOWNEY AVE

ALON ASPHALT COMPANY (Continued) **S123605718**

Mailing Address 2: Not reported
Mailing City,State,Zip: PARAMOUNT, CA 90723
Owner Name: CHERYL MCDERMOTT
Owner Address: 12700 PARK CENTRAL DR STE 1600
Owner Address 2: Not reported
Owner City,State,Zip: DALLAS, TX 752511517
Contact Name: ANNINA BROWN
Contact Address: 14700 DOWNEY AVE
Contact Address 2: Not reported
City,State,Zip: PARAMOUNT, CA 90723

NAICS:
EPA ID: CAC002874743
Create Date: 2016-08-22 15:07:57
NAICS Code: 324121
NAICS Description: Asphalt Paving Mixture and Block Manufacturing
Issued EPA ID Date: 2016-08-22 15:07:57
Inactive Date: 2016-11-22 03:00:33
Facility Name: ALON ASPHALT COMPANY
Facility Address: 1873 PURDY RD
Facility Address 2: Not reported
Facility City: MOJAVE
Facility County: 15
Facility State: CA
Facility Zip: 935017404

Name: ALON ASPHALT COMPANY
Address: 1873 PURDY RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
EPA ID: CAL000428981
Inactive Date: 06/30/2018
Create Date: 07/07/2017
Last Act Date: 11/08/2018
Mailing Name: Not reported
Mailing Address: 1873 PURDY RD
Mailing Address 2: Not reported
Mailing City,State,Zip: MOJAVE, CA 93501
Owner Name: DELEK US HOLDINGS
Owner Address: 7102 COMMERCE WAY
Owner Address 2: Not reported
Owner City,State,Zip: BRENTWOOD, TN 370270000
Contact Name: MARK WELLS
Contact Address: 20555 RICHMOND BEACH DRIVE NW
Contact Address 2: Not reported
City,State,Zip: SEATTLE, WA 98177

NAICS:
EPA ID: CAL000428981
Create Date: 2017-07-07 09:49:41
NAICS Code: 324121
NAICS Description: Asphalt Paving Mixture and Block Manufacturing
Issued EPA ID Date: 2017-07-07 09:49:41
Inactive Date: 2018-06-30 00:00:00
Facility Name: ALON ASPHALT COMPANY
Facility Address: 1873 PURDY RD
Facility Address 2: Not reported

ALON ASPHALT COMPANY (Continued) **S123605718**

Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	93501

CU756 **MOJAVE TERMINAL** **CERS HAZ WASTE** **S113173764**
Target **1873 PURDY ROAD** **CERS TANKS** **N/A**
Property **MOJAVE, CA 93501** **NPDES**
CERS

Site 12 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

CERS HAZ WASTE:

Name:	PARAMOUNT PETROLEUM
Address:	1873 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	55434
CERS ID:	10236622
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	PARAMOUNT PETROLEUM
Address:	1873 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	55434
CERS ID:	10236622
CERS Description:	Aboveground Petroleum Storage

NPDES:

Name:	MOJAVE TERMINAL
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000001
Region:	6B
Agency Number:	0
Regulatory Measure ID:	497989
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	6B15I027983
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/11/2018
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	6 Centerpointe Drive
Discharge Name:	Asphalt Terminals LLC
Discharge City:	La Palma
Discharge State:	California
Discharge Zip:	90623
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported

MOJAVE TERMINAL (Continued) **S113173764**

Operator Zip:	Not reported
Name:	MOJAVE TERMINAL
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
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:	6B15I027983
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:	12/11/2018
Operator Name:	Asphalt Terminals LLC
Operator Address:	6 Centerpointe Drive
Operator City:	La Palma
Operator State:	California
Operator Zip:	90623

CERS:

Name:	PARAMOUNT PETROLEUM
Address:	1873 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	55434
CERS ID:	10236622
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	55434
Site Name:	PARAMOUNT PETROLEUM
Violation Date:	02-13-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 01/07/2016. The hazardous materials inventory is not accurate. The are materials being reported that are no longer on site. Add 650 cubic feet of Oxygen to the inventory.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown

MOJAVE TERMINAL (Continued) **S113173764**

Eval Date: 02-04-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Operations manager was not available. Will call to schedule an appt.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Enforcement Action:
Site ID: 55434
Site Name: PARAMOUNT PETROLEUM
Site Address: 1873 PURDY RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 02-13-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

MOJAVE TERMINAL (Continued) **S113173764**

Coordinates:

Site ID:	55434
Facility Name:	PARAMOUNT PETROLEUM
Env Int Type Code:	APSA
Program ID:	10236622
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	35.028130
Longitude:	-118.164162

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Mark Wells
Entity Title:	Not reported
Affiliation Address:	20555 RICHMOND BEACH DRIVE N.W.
Affiliation City:	SEATTLE
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	98177
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Wells
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Asphalt Terminals 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:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

Affiliation Type Desc:	Operator
Entity Name:	PETRONILO GARCIA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

MOJAVE TERMINAL (Continued) **S113173764**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(661) 824-3176
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 1418
Affiliation City:	PARAMOUNT
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90723
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	ALON USA
Entity Title:	Not reported
Affiliation Address:	7616 LBJ FWY
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75251
Affiliation Phone:	(972) 367-3600
Name:	MOJAVE TERMINAL
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	537216
CERS ID:	864334
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Asphalt Terminals LLC
Entity Title:	Operator
Affiliation Address:	6 Centerpointe DriveSuite 500
Affiliation City:	La Palma
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90623
Affiliation Phone:	Not reported

CU757 **CHMIRS** **S105643550**
Target Property **1873 PURDY RD, A TRAIN LOADING FACILITY** **N/A**
MOJAVE, CA 93501

Site 13 of 20 in cluster CU

Actual: 2660 ft.

Focus Map: 17

CHMIRS:

Name:	Not reported
Address:	1873 PURDY RD, A TRAIN LOADING FACILITY
City,State,Zip:	MOJAVE, CA 93501
OES Incident Number:	16313
OES notification:	Not reported
OES Date:	11/1/1996

(Continued) **S105643550**

OES Time:	02:08:16 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:	crew/contractor
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	unocal
Incident Date:	1345 01 Nov 96
Admin Agency:	Not reported
Amount:	500 gal
Contained:	NO
Site Type:	OTHER
E Date:	Not reported
Substance:	crude
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

(Continued) **S105643550**

Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: operator error, left isolation valve left open

CU758 **TOSCO MOJAVE TERMINAL** **HAZNET** **S123636993**
Target **1873 PURDY RD** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 14 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

HAZNET:
Name: TOSCO MOJAVE TERMINAL
Address: 1873 PURDY RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
Contact: ARNULFO ALCALA
Telephone: 3105387672
Mailing Name: Not reported
Mailing Address: 13707 S BROADWAY

Year: 1999
Gepaid: CAR000015800
TSD EPA ID: Not reported
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: T01 - Treatment, Tank
Tons: 12.92

Additional Info:
Year: 1999
Gen EPA ID: CAR000015800

Shipment Date: 19990729
Creation Date: 9/21/1999 0:00:00
Receipt Date: 19990729
Manifest ID: 96648597
Trans EPA ID: CAR000030825
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: Not reported
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Disposal Method: T01 - Treatment, Tank
Quantity Tons: 12.92
Waste Quantity: 3800
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

TOSCO MOJAVE TERMINAL (Continued) **S123636993**

HWTS:

Name:	TOSCO MOJAVE TERMINAL
Address:	1873 PURDY RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
EPA ID:	CAR000015800
Inactive Date:	06/30/1999
Create Date:	06/19/1997
Last Act Date:	04/02/2003
Mailing Name:	Not reported
Mailing Address:	13707 S BROADWAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LOS ANGELES, CA 900610000
Owner Name:	TOSCO DISTRIBUTION COMPANY
Owner Address:	13707 S BROADWAY
Owner Address 2:	Not reported
Owner City,State,Zip:	LOS ANGELES, CA 900610000
Contact Name:	ARNULFO ALCALA
Contact Address:	13707 S BROADWAY
Contact Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 900610000

CU759 **ERNS** **96366373**
Target Property **1873 PURDY RD**
MOJAVE, CA 93501 **N/A**

Site 15 of 20 in cluster CU

Actual:
2660 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Focus Map:
17

CU760 **ERNS** **96365264**
Target Property **1873 PURDY RD**
MOJAVE, CA **N/A**

Site 16 of 20 in cluster CU

Actual:
2660 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Focus Map:
17

CU761 **PARAMOUNT PETROLEUM** **AST** **A100423160**
Target **1873 PURDY RD** **N/A**
Property **MOJAVE, CA 93501**

Site 17 of 20 in cluster CU

Actual: **2660 ft.**

Focus Map: **17**

AST:

Name:	PARAMOUNT PETROLEUM
Address:	1873 PURDY RD
City/Zip:	MOJAVE,93501
Certified Unified Program Agencies:	Not reported
Owner:	ALON USA
Total Gallons:	Not reported
CERSID:	10236622
Facility ID:	Not reported
Business Name:	PARAMOUNT PETROLEUM
Phone:	661-816-2199
Fax:	Not reported
Mailing Address:	PO BOX 1418
Mailing Address City:	PARAMOUNT
Mailing Address State:	CA
Mailing Address Zip Code:	90723
Operator Name:	ARNULFO ACALA
Operator Phone:	661-824-3176
Owner Phone:	(972) 367-3600
Owner Mail Address:	7616 LBJ FWY
Owner State:	TX
Owner Zip Code:	75251
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

CU762 **ERNS** **97377708**
Target **1873 PURDY ROAD** **N/A**
Property **MOJAVE, CA 93501**

Site 18 of 20 in cluster CU

Actual: **2660 ft.**

Focus Map: **17**

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

CU763 **PARAMOUNT PETROLEUM** **FINDS** **1023350476**
Target **1873 PURDY RD** **N/A**
Property **MOJAVE, CA 93501**

Site 19 of 20 in cluster CU

Actual:
2660 ft.

Focus Map:
17

FINDS:
Registry ID: 110066467932
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066467932

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CU764 **TOSCO MOJAVE TERMINAL** **RCRA-SQG** **1001122747**
Target **1873 PURDY ROAD** **CHMIRS** **CAR000015800**
Property **MOJAVE, CA 93502** **FINDS**
ECHO
Site 20 of 20 in cluster CU **NPDES**
CIWQS

Actual:
2660 ft.

Focus Map:
17

RCRA-SQG:
Date form received by agency: 2000-10-12 00:00:00.0
Facility name: TOSCO MOJAVE TERMINAL
Site name: TOSCO MOJAVE CRUDE TERMINAL
Facility address: 1873 PURDY ROAD
MOJAVE, CA 93502
EPA ID: CAR000015800
Contact: HEATHER M. S. RANDOL
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 562-906-7560
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: TOSCO REFINING CO
Owner/operator address: AVON REFINERY
MARTINEZ, CA 94553
Owner/operator country: Not reported
Owner/operator telephone: 510-370-3220
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	1997-03-07 00:00:00.0
Site name:	TOSCO MOJAVE TERMINAL
Classification:	Small Quantity Generator

Violation Status: No violations found

CHMIRS:

Name:	Not reported
Address:	1873 PURDY RD
City,State,Zip:	MOJAVE, CA 93502
OES Incident Number:	7-0775
OES notification:	02/22/1997
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:	No

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

Waterway:	Not reported
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:	1997
Agency:	Unocal
Incident Date:	2/22/199712:00:00 AM
Admin Agency:	Kern Co. Environmental Health Services Dept
Amount:	Not reported
Contained:	Yes
Site Type:	Pipe Line
E Date:	Not reported
Substance:	Crude Oil
Gallons:	3
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
#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:	Metal fatigue on gauge caused leak onto ground, cleaned up, gravel removed.

FINDS:

Registry ID:	110002914534
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002914534

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:	1001122747
Registry ID:	110002914534
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002914534

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

Name: TOSCO MOJAVE TERMINAL
Address: 1873 PURDY RD
City,State,Zip: MOJAVE, CA 93501

NPDES:
Name: ALON ASPHALT MOJAVE
Address: 1873 PURDY ROAD
City,State,Zip: MOJAVE, CA 93501
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: 6B15I025753
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: Terminated
Status Date: 02/27/2019
Operator Name: Paramount Petroleum
Operator Address: 1873 Purdy Road
Operator City: Mojave
Operator State: California
Operator Zip: 93501

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 6B
Regulatory Measure ID: 457646
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 6B15I025753
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 07/02/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Paramount Petroleum
Discharge Address: 1873 Purdy Road
Discharge City: Mojave
Discharge State: California
Discharge Zip: 93501
Received Date: Not reported
Processed Date: Not reported

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

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 Commertial 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

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

Agency Number:	Not reported
Region:	6B
Regulatory Measure ID:	457646
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I025753
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:	07/02/2015
Processed Date:	07/02/2015
Status:	Active
Status Date:	07/02/2015
Place Size:	12
Place Size Unit:	Acres
Contact:	Petronilo Garcia
Contact Title:	Terminal Supervisor
Contact Phone:	661-824-3176
Contact Phone Ext:	Not reported
Contact Email:	pgarcia@ppcla.com
Operator Name:	Paramount Petroleum
Operator Address:	1873 Purdy Road
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501
Operator Contact:	Petronilo Garcia
Operator Contact Title:	Teminal Manager
Operator Contact Phone:	661-824-3176
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pgarcia@ppcla.com
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:	661-754-9032
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 Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

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:	On site retention pond
Certifier:	Petronilo Garcia
Certifier Title:	Terminal Manager
Certification Date:	12-JUL-17
Primary Sic:	5171-Petroleum Bulk Stations and Terminals
Secondary Sic:	2951-Asphalt Paving Mixtures and Blocks
Tertiary Sic:	Not reported

Name:	ALON ASPHALT MOJAVE
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	6B
Agency Number:	0
Regulatory Measure ID:	457646
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	6B15I025753
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/02/2015
Termination Date Of Regulatory Measure:	07/11/2018
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1873 Purdy Road
Discharge Name:	Paramount Petroleum
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	457646
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I025753

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/02/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Paramount Petroleum
Discharge Address:	1873 Purdy Road
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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 Commertial 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

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

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:	6B
Regulatory Measure ID:	457646
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I025753
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:	07/02/2015
Processed Date:	07/02/2015
Status:	Active
Status Date:	07/02/2015
Place Size:	12
Place Size Unit:	Acres
Contact:	Petronilo Garcia
Contact Title:	Terminal Supervisor
Contact Phone:	661-824-3176
Contact Phone Ext:	Not reported
Contact Email:	pgarcia@ppcla.com
Operator Name:	Paramount Petroleum
Operator Address:	1873 Purdy Road
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501
Operator Contact:	Petronilo Garcia
Operator Contact Title:	Teminal Manager
Operator Contact Phone:	661-824-3176
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pgarcia@ppcla.com
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

TOSCO MOJAVE TERMINAL (Continued) **1001122747**

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	661-754-9032
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 Commertial 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:	On site retention pond
Certifier:	Petronilo Garcia
Certifier Title:	Terminal Manager
Certification Date:	12-JUL-17
Primary Sic:	5171-Petroleum Bulk Stations and Terminals
Secondary Sic:	2951-Asphalt Paving Mixtures and Blocks
Tertiary Sic:	Not reported

CIWQS:

Name:	ALON ASPHALT MOJAVE
Address:	1873 PURDY ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Paramount Petroleum
Agency Address:	1873 Purdy Road, Mojave, CA 93501
Place/Project Type:	Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS:	5171(+)
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I025753
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/02/2015
Termination Date:	07/11/2018
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:	35.02813
Longitude:	-118.16416

765 **NONE** **HIST UST** **S118413374**
Target Property **14301 HOLT STREET** **N/A**
MOJAVE, CA 93501

Actual: 2759 ft.
Focus Map: 16

HIST UST:

Name:	NONE
Address:	14301 HOLT STREET
City,State,Zip:	MOJAVE, CA 93501
File Number:	00024585
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024585.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:

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766 **TRICAL, INC.** **SSTS** **1012053549**
Target Property **1667 PURDY AVE** **N/A**
MOJAVE, CA 93501

Actual: 2674 ft.
Focus Map: 16

SSTS:

Name:	TRICAL, INC
Address:	1667 PURDY AVE
City,State,Zip:	CA
Report Year:	Not reported
Registration Number:	11220-CA-8
Report Year:	2005
Registration Number:	011220CA008

Pre 2016:

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR EC FUMIGANT (RUP)(SUP -11220)
Product Code:	0
EPA Product Registration Number:	05826600005

TRICAL, INC. (Continued) **1012053549**

Product Type:	3
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 45/55 (RUP)
Product Code:	0
EPA Product Registration Number:	01122000011
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 57/43
Product Code:	0
EPA Product Registration Number:	01122000004
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	57/43 PREPLANT SOIL FUMIGANT
Product Code:	0
EPA Product Registration Number:	00862200040
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	67/33 PREPLANT SOIL FUMIGANT
Product Code:	0
EPA Product Registration Number:	00862200013
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	75/25 PREPLANT SOIL FUMIGANT (RUP)
Product Code:	0
EPA Product Registration Number:	00862200015
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	98-2 (98% METHYL BROMIDE)
Product Code:	0
EPA Product Registration Number:	00862200012
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN FROM ARVESTA CORP (99%)
Product Code:	0
EPA Product Registration Number:	06633000047
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONCENTRATE SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	0
EPA Product Registration Number:	00885300002
Product Type:	3
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC-33 SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	0
EPA Product Registration Number:	00885300003
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM 100 (RUP)
Product Code:	0
EPA Product Registration Number:	00862200016
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM Q (RUP)
Product Code:	0
EPA Product Registration Number:	00862200055
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METAPICRIN (RUP)
Product Code:	0
EPA Product Registration Number:	00862200043
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 (RUP)
Product Code:	0
EPA Product Registration Number:	00578500011

TRICAL, INC. (Continued) **1012053549**

Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 100 (RUP)
Product Code:	0
EPA Product Registration Number:	00853600015
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 99.5% (RUP)
Product Code:	0
EPA Product Registration Number:	00853600012
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE QUARANTINE FUMIGANT (RUP)
Product Code:	0
EPA Product Registration Number:	00853600029
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-BROM 25
Product Code:	0
EPA Product Registration Number:	00853600011
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TIMBERFUME II (RUP)
Product Code:	0
EPA Product Registration Number:	07534000001
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Report Year:	2006
Registration Number:	011220-CA-008

Pre 2016:

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	50-50 PREPLANT SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	008622-00039
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	57/43 PREPLANT SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	008622-00040
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	67/33 PREPLANT SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	008622-00013
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	75/25 PREPLANT SOIL FUMIGANT (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008622-00015
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	98-2 (98% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	008622-00012
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN FROM ARVESTA CORP (99%)
Product Code:	Not reported
EPA Product Registration Number:	066330-00047
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONCENTRATE SOIL FUMIGANT (RUP) (SUPP -1
Product Code:	Not reported
EPA Product Registration Number:	008853-00002
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC-33 SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	008853-00003
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008622-00016
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM Q (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008622-00055
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METAPICRIN (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008622-00043
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	005785-00011
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008536-00015

TRICAL, INC. (Continued) **1012053549**

Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 98%
Product Code:	Not reported
EPA Product Registration Number:	008536-00019
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 99.5% (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008536-00012
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC GOLD (MIDAS 33:62:5 EC)
Product Code:	Not reported
EPA Product Registration Number:	063330-AN
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS TECHNICAL
Product Code:	Not reported
EPA Product Registration Number:	066330-000UU
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME
Product Code:	Not reported
EPA Product Registration Number:	075341-00003
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-BROM 25
Product Code:	Not reported
EPA Product Registration Number:	008536-00011
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-PLUS FUMIGANT (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	008853-00006
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TIMBERFUME II (RUP)
Product Code:	Not reported
EPA Product Registration Number:	075340-00001
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR EC FUMIGANT (RUP)(SUP -11220)
Product Code:	Not reported
EPA Product Registration Number:	058266-00005
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR FUMIGANT (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	058266-00002
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 45/55 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	011220-00011
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 50/50
Product Code:	Not reported
EPA Product Registration Number:	011220-00010
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 57/43
Product Code:	Not reported
EPA Product Registration Number:	011220-00004

TRICAL, INC. (Continued) **1012053549**

Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	HERBICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE QUARANTINE FUMIGANT (RUP)
Product Code:	Not reported
EPA Product Registration Number:	008536-00029
Product Type:	REPACKAGED OR RELABELED
Product Classification:	INSECTICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 50:50
Product Code:	Not reported
EPA Product Registration Number:	066330-LT
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 98:2
Product Code:	Not reported
EPA Product Registration Number:	066330-UG
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC BRONZE (MIDAS 50:45:5)
Product Code:	Not reported
EPA Product Registration Number:	066330-LI
Product Type:	END-USE BLEND, FORMULATION, CONCENTRATE
Product Classification:	INSECTICIDE-FUNGICIDE
Product Use:	RESTRICTED USE ONLY
Market Type:	MARKETED IN UNITED STATES
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	Not reported
RUP:	Not reported

Report Year:	2008
Registration Number:	011220-CA-008

Pre 2016:

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-PLUS FUMIGANT (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	8853-6

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE C-35 (RUP) (EST DOES CUSTOM APPLICATION)
Product Code:	Not reported
EPA Product Registration Number:	62719-302
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE II (INSECTI- FUNGI- NEMATI-) (RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-32
Product Type:	3
Product Classification:	28
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR EC FUMIGANT (RUP)(SUP -11220)
Product Code:	Not reported
EPA Product Registration Number:	58266-5
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR FUMIGANT (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	58266-2
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 45/55 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-11
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 50/50 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-10
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 57/43 PREPLANT SOIL FUMIGANT (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-4
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC-33 SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	8853-3
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8622-16
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM Q (RUP) (100% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	8622-55
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METAPICRIN (100 % CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8622-43
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	5785-11
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 98%
Product Code:	Not reported
EPA Product Registration Number:	8536-19

TRICAL, INC. (Continued) **1012053549**

Product Type:	3
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 99.5% (FUNGI- HERBI- NEMATI INSECIT-)
Product Code:	Not reported
EPA Product Registration Number:	8536-12
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE QUARANTINE FUMIGANT (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-29
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL PROMIDE 89.5% (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-17
Product Type:	3
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 33:67 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-59
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 50:50 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-57
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 98:2 (98% IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-43
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC BRONZE (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-58
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC GOLD (62:33) (CHLOROPICRIN:IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-60
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	NUTRAPIC (ABN FOR TM-442) CHLOROPICRIN, 99%
Product Code:	Not reported
EPA Product Registration Number:	66330-47
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	NUTRAPIC EC
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00001
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	2

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	NUTRAPIC EC (CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	11220-EUP-1
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME (CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	75341-3
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME II (RUP)
Product Code:	Not reported
EPA Product Registration Number:	75340-1

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	50-50 PREPLANT SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	8622-39
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	67/33 PREPLANT SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	8622-13
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	75-25 PREPLANT OIL FUMIGANT (CH3BR 75%:CHLOROPICRIN 25%)
Product Code:	Not reported
EPA Product Registration Number:	8622-15
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	98-2 (98% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	8622-12
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROFUME CHLOROPICRIN (EXPORT)
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00003
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	3

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	2
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROFUME CHLOROPICRIN (FOR EXPORT)
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00002
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	3
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	2
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN 100
Product Code:	Not reported
EPA Product Registration Number:	8536-2
Product Type:	3
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN TECHNICAL
Product Code:	Not reported
EPA Product Registration Number:	66330-37
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	2

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	INLINE SOIL FUMIGANT (TELONE/CHLOROPICRIN) (RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-348
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	IODOMETHANE TECHNICAL
Product Code:	Not reported
EPA Product Registration Number:	66330-44
Product Type:	1
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	2

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-BROM 25
Product Code:	Not reported
EPA Product Registration Number:	8536-11
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-CLOR 60
Product Code:	Not reported
EPA Product Registration Number:	8536-8
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-CLOR 60 EC (RUP, REGIS 2007)
Product Code:	Not reported
EPA Product Registration Number:	8536-43

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONCENTRATE SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	Not reported
EPA Product Registration Number:	8853-2
Product Type:	3
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	No
RUP:	1
Report Year:	2007
Registration Number:	011220CA008

Pre 2016:

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE C-35 (RUP)
Product Code:	1
EPA Product Registration Number:	06271900302
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE II (INSECTI- FUNGI- NEMATI-) (RUP)
Product Code:	1
EPA Product Registration Number:	06271900032
Product Type:	3
Product Classification:	06
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR EC FUMIGANT (RUP)(SUP -11220)
Product Code:	1
EPA Product Registration Number:	05826600005
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR FUMIGANT (SUPP -11220)
Product Code:	1
EPA Product Registration Number:	05826600002

TRICAL, INC. (Continued) **1012053549**

Product Type:	3
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 45/55 (RUP)
Product Code:	1
EPA Product Registration Number:	01122000011
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 50/50
Product Code:	1
EPA Product Registration Number:	01122000010
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 57/43 PREPLANT SOIL FUMIGANT
Product Code:	1
EPA Product Registration Number:	01122000004
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 80/20
Product Code:	1
EPA Product Registration Number:	05826600001
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	50-50 PREPLANT SOIL FUMIGANT
Product Code:	1
EPA Product Registration Number:	00862200039
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	57/43 PREPLANT SOIL FUMIGANT
Product Code:	1
EPA Product Registration Number:	00862200040
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	67/33 PREPLANT SOIL FUMIGANT
Product Code:	1
EPA Product Registration Number:	00862200013
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	98-2 (98% METHYL BROMIDE)
Product Code:	1
EPA Product Registration Number:	00862200012
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN EC
Product Code:	1
EPA Product Registration Number:	06633000037
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	INLINE SOIL FUMIGANT (TELONE/CHLOROPICRIN) (RUP)
Product Code:	1
EPA Product Registration Number:	06271900348
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	IODOMETHANE TECHNICAL
Product Code:	1
EPA Product Registration Number:	06633000044
Product Type:	1
Product Classification:	21
Product Use:	2
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONC SOIL FUMIGANT (SUPP -11220)
Product Code:	1
EPA Product Registration Number:	00885300001
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONCENTRATE SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	1
EPA Product Registration Number:	00885300002

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC-33 SOIL FUMIGANT (RUP) (SUPP -11220)
Product Code:	1
EPA Product Registration Number:	00885300003
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM 100 (RUP)
Product Code:	1
EPA Product Registration Number:	00862200016
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM Q (RUP) (100% METHYL BROMIDE)
Product Code:	1
EPA Product Registration Number:	00862200055
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 (RUP)
Product Code:	1
EPA Product Registration Number:	00578500011
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 Q
Product Code:	1
EPA Product Registration Number:	00578500041
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure: Not reported
Region: 09
Zero Production: Not reported
RUP: Not reported

Registration Number: 011220CA008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: METHYL BROMIDE 100 (RUP)
Product Code: 1
EPA Product Registration Number: 00853600015
Product Type: 3
Product Classification: 01
Product Use: 1
Market Type: 1
Product Unit of Measure: Not reported
Region: 09
Zero Production: Not reported
RUP: Not reported

Registration Number: 011220CA008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: METHYL BROMIDE 98%
Product Code: 1
EPA Product Registration Number: 00853600019
Product Type: 3
Product Classification: 44
Product Use: 1
Market Type: 1
Product Unit of Measure: Not reported
Region: 09
Zero Production: Not reported
RUP: Not reported

Registration Number: 011220CA008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: Not reported
Contact Title: Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 99.5% (FUNGI- HERBI- NEMATI INSECIT-)
Product Code:	1
EPA Product Registration Number:	00853600012
Product Type:	3
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE QUARANTINE FUMIGANT (RUP)
Product Code:	1
EPA Product Registration Number:	00853600029
Product Type:	3
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL PROMIDE 89.5% (RUP)
Product Code:	1
EPA Product Registration Number:	01122000017
Product Type:	3
Product Classification:	44
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 33:67 (IODOMETHANE:CHLOROPICRIN)
Product Code:	1
EPA Product Registration Number:	06633000059
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 50:50 (IODOMETHANE:CHLOROPICRIN)
Product Code:	1
EPA Product Registration Number:	06633000057
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 98:2 (98% IODOMETHANE)
Product Code:	1
EPA Product Registration Number:	06633000043

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC BRONZE (IODOMETHANE:CHLOROPICRIN)
Product Code:	1
EPA Product Registration Number:	06633000058
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC GOLD (62:33) (CHLOROPICRIN:IODOMETHANE)
Product Code:	1
EPA Product Registration Number:	06633000060
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	NUTRAPIC (ABN FOR TM-442) CHLOROPICRIN, 99%
Product Code:	1
EPA Product Registration Number:	06633000047
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME II (RUP)
Product Code:	1
EPA Product Registration Number:	07534000001
Product Type:	2
Product Classification:	01
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported

Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-BROM 25
Product Code:	1
EPA Product Registration Number:	00853600011
Product Type:	2
Product Classification:	44
Product Use:	1
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Registration Number:	011220CA008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-PLUS FUMIGANT (SUPP -11220)
Product Code:	1
EPA Product Registration Number:	00885300006
Product Type:	2
Product Classification:	21
Product Use:	1
Market Type:	1
Product Unit of Measure:	Not reported
Region:	09
Zero Production:	Not reported
RUP:	Not reported
Report Year:	2009
Registration Number:	011220-CA-008

Pre 2016:

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 57/43 PREPLANT SOIL FUMIGANT (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-4
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 80/20 (80% METHYL BR)
Product Code:	Not reported
EPA Product Registration Number:	58266-1-11220
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC-33 SOIL FUMIGANT (67% ME-BR, 33% CHLOROPICRIN RUP)
Product Code:	Not reported
EPA Product Registration Number:	8853-3-11220
Product Type:	2
Product Classification:	34
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METABROM 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8622-16
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: METABROM Q (RUP) (100% METHYL BROMIDE)
Product Code: Not reported
EPA Product Registration Number: 8622-55
Product Type: 2
Product Classification: 29
Product Use: Not reported
Market Type: 1
Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: METH-O-GAS 100 (100% METHYL BROMIDE, RUP)
Product Code: Not reported
EPA Product Registration Number: 5785-11
Product Type: 3
Product Classification: 29
Product Use: Not reported
Market Type: 1
Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METH-O-GAS 100 Q (100% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	5785-41
Product Type:	3
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-15
Product Type:	3
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 98%
Product Code:	Not reported
EPA Product Registration Number:	8536-19
Product Type:	3
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	METHYL BROMIDE 99.5% (FUNGI- HERBI- NEMATI INSECIT-)
Product Code:	Not reported
EPA Product Registration Number:	8536-12
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 33:67 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-59
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 50:50 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-57

TRICAL, INC. (Continued) **1012053549**

Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS 98:2 (98% IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-43
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC BRONZE (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-58
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MIDAS EC GOLD (62:33) (CHLOROPICRIN:IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-60
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME (99% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	75341-3
Product Type:	3
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	OSMOSE TIMBERFUME II (98.2% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	75340-1
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: PIC-BROM 25
Product Code: Not reported
EPA Product Registration Number: 8536-11
Product Type: 2
Product Classification: 29
Product Use: Not reported
Market Type: 1
Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: PIC-CLOR 60 (+ 39% TELONE)
Product Code: Not reported
EPA Product Registration Number: 8536-8
Product Type: 2
Product Classification: 29
Product Use: Not reported
Market Type: 3
Product Unit of Measure: Not reported
Region: Not reported
Zero Production: No
RUP: 1

Registration Number: 011220-CA-008
Name: TRICAL, INC.
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title: Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-CLOR 60 EC (37.1% TELONE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-43-11220
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	PIC-PLUS FUMIGANT (+ 45% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	8853-6-11220
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE C-35 (RUP) (EST DOES CUSTOM APPLICATION)
Product Code:	Not reported
EPA Product Registration Number:	62719-302
Product Type:	2
Product Classification:	43
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

TRICAL, INC. (Continued) **1012053549**

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TELONE II (INSECTI- FUNGI- NEMATI-) (RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-32
Product Type:	3
Product Classification:	28
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR EC FUMIGANT (94% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	58266-5-11220
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CLOR FUMIGANT (99% CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	58266-2-11220

TRICAL, INC. (Continued) **1012053549**

Product Type:	3
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	TRI-CON 50/50 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-10
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	98-2 (98% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	8622-12
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported

TRICAL, INC. (Continued) **1012053549**

Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROFUME CHLOTOPICRIN
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00001
Product Type:	2
Product Classification:	29
Product Use:	Not reported
Market Type:	3
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN 100
Product Code:	Not reported
EPA Product Registration Number:	8536-2
Product Type:	3
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	CHLOROPICRIN TECHNICAL (99.4%)
Product Code:	Not reported
EPA Product Registration Number:	62341-15
Product Type:	1
Product Classification:	29
Product Use:	Not reported
Market Type:	3

TRICAL, INC. (Continued) **1012053549**

Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	2
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	INLINE SOIL FUMIGANT (TELONE/CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-348
Product Type:	2
Product Classification:	27
Product Use:	Not reported
Market Type:	1
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	IODOMETHANE TECHNICAL
Product Code:	Not reported
EPA Product Registration Number:	66330-44
Product Type:	1
Product Classification:	29
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	2
Registration Number:	011220-CA-008
Name:	TRICAL, INC.
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	Not reported
Country:	Not reported
Contact Name:	ROBERT WITT CONTROLLER P: 831-637-0195
Contact Title:	Not reported

TRICAL, INC. (Continued) **1012053549**

Contact Telephone:	Not reported
Contact Email:	Not reported
Product Name:	MBC CONCENTRATE SOIL FUMIGANT (98%, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8853-2-11220
Product Type:	3
Product Classification:	29
Product Use:	Not reported
Market Type:	2
Product Unit of Measure:	Not reported
Region:	Not reported
Zero Production:	No
RUP:	1

CV767 **RCRA NonGen / NLR** **1025877343**
Target Property **1673 PURDY RD**
MOJAVE, CA 93501 **CAL000450481**

Site 1 of 5 in cluster CV

Actual: 2644 ft.

Focus Map: 17

RCRA NonGen / NLR:

Date form received by agency:	2019-11-12 00:00:00.0
Facility name:	Not reported
Facility address:	1673 PURDY RD MOJAVE, CA 93501
EPA ID:	CAL000450481
Mailing address:	PO BOX 50538 IDAHO FALLS, ID 83405
Contact:	JEFF SENKERIK
Contact address:	PO BOX 50538 IDAHO FALLS, ID 83405
Contact country:	Not reported
Contact telephone:	520-631-8807
Contact email:	JEFF.SENKERIK@IDAHOASPHALT.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WESTERN EMULSIONS INC
Owner/operator address:	PO BOX 50538 IDAHO FALLS, ID 83405
Owner/operator country:	Not reported
Owner/operator telephone:	208-524-5871
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	JEFF SENKERIK
Owner/operator address:	PO BOX 50538 IDAHO FALLS, ID 83405
Owner/operator country:	Not reported

(Continued) **1025877343**

Owner/operator telephone: 520-631-8807
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Not reported
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

CV768 **WESTERN EMULSIONS INC** **ECHO** **1026039289**
Target **1673 PURDY RD** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 5 in cluster CV

Actual: **2644 ft.**
Focus Map: **17**

ECHO:
Envid: 1026039289
Registry ID: Not reported
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=CAL000450481
Name: WESTERN EMULSIONS INC
Address: 1673 PURDY RD
City,State,Zip: MOJAVE, CA 93501

CV769 **TRICAL INC.** **RCRA-LQG** **1015740051**
Target **1667 PURDY RD** **FINDS** **CAL000339810**
Property **MOJAVE, CA 93501** **ECHO**

Site 3 of 5 in cluster CV

Actual: **2644 ft.**
Focus Map: **17**

RCRA-LQG:
Date form received by agency: 2018-03-27 00:00:00.0
Facility name: TRICAL INC
Facility address: 1667 PURDY ROAD
MOJAVE, CA 93501-7403
EPA ID: CAL000339810
Mailing address: PURDY ROAD
MOJAVE, CA 93501-7403
Contact: STEPHEN N WILHELM

TRICAL INC. (Continued) **1015740051**

Contact address: PURDY ROAD
MOJAVE, CA 93501-7403
Contact country: US
Contact telephone: 661-824-2494
Contact email: SWILHELM@TRICAL.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: TRICAL INC
Owner/operator address: CIRCLE
GILROY, CA 95020
Owner/operator country: US
Owner/operator telephone: 831-637-0195
Owner/operator email: SWILHELM@TRICAL.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2005-01-27 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: TRICAL INC.
Owner/operator address: ARROYO CIRCLE
GILROY, CA 95020
Owner/operator country: US
Owner/operator telephone: 831-637-0195
Owner/operator email: SWILHELM@TRICAL.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2005-01-27 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

TRICAL INC. (Continued) **1015740051**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 2016-06-27 00:00:00.0
Site name: TRICAL INC.
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: TRICAL INC
Classification: Large Quantity Generator

Date form received by agency: 2012-02-15 00:00:00.0
Site name: TRICAL INC.
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 352
. Waste name: Other organic solids

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D034
. Waste name: HEXACHLOROETHANE

. Waste code: F003
. Waste name: 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 name: 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.

Biennial Reports:

Last Biennial Reporting Year: 2017

TRICAL INC. (Continued) **1015740051**

Annual Waste Handled:
Waste code: D034
Waste name: HEXACHLOROETHANE
Amount (Lbs): 21480

Violation Status: No violations found

FINDS:
Registry ID: 110046524249
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110046524249

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
AIR EMISSIONS CLASSIFICATION UNKNOWN
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.
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
US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.
US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).
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

TRICAL INC. (Continued) **1015740051**

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. SSTS (Section Seven Tracking System) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1015740051
Registry ID:	110046524249
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110046524249
Name:	TRICAL INC.
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501

CV770 **NIKLOR CHEMICAL CO INC** **CHMIRS** **S106800777**
Target **1667 PURDY RD** **NPDES** **N/A**
Property **MOJAVE, CA 93501** **WDS**
CIWQS
Site 4 of 5 in cluster CV **CERS**
HWTS

Actual:
2644 ft.

Focus Map:
17

CHMIRS:

Name:	Not reported
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
OES Incident Number:	10-1398
OES notification:	02/25/2010
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

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

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:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Lbs.
Other:	Not reported
Date/Time:	1210
Year:	2010
Agency:	Trical Inc
Incident Date:	2/25/2010
Admin Agency:	Kern Co. Environmental Health Services Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	chloropicrin
Quantity Released:	125
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	1
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:	RP States: A steel cylinder ruptured. The material was released as a vapor and liquid. The liquid has been contained. One person was transported to the hospital, he will be in the hospital over night for observation.

NPDES:

Name:	NIKLOR CHEMICAL CO INC
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Not reported
NPDES Number:	Not reported

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	6B15I019131
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:	Terminated
Status Date:	05/27/2015
Operator Name:	Niklor Chemical Co Inc
Operator Address:	1667 Purdy Rd
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	6B
Regulatory Measure ID:	203988
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I019131
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2004
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	05/05/2015
Discharge Name:	Niklor Chemical Co Inc
Discharge Address:	1667 Purdy Rd
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

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 Commertial 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:	6B
Regulatory Measure ID:	203988
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I019131
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

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Termination Date Of Regulatory Measure:	05/05/2015
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:	11/19/2004
Status:	Terminated
Status Date:	05/27/2015
Place Size:	49
Place Size Unit:	Acres
Contact:	Stephen Wilhelm
Contact Title:	Not reported
Contact Phone:	661-824-2494
Contact Phone Ext:	Not reported
Contact Email:	swilhelm@trical.com
Operator Name:	Niklor Chemical Co Inc
Operator Address:	1667 Purdy Rd
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501
Operator Contact:	Stephen Wilhelm
Operator Contact Title:	Not reported
Operator Contact Phone:	661-824-2494
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	swilhelm@trical.com
Operator Type:	Other
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:	661-824-2494
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 Commertial 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:	Y
Receiving Water Name:	Antelope Valley
Certifier:	Stephan Wilhelm

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Certifier Title:	Owner
Certification Date:	29-OCT-04
Primary Sic:	2879-Pesticides and Agricultural Chemicals, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	NIKLOR CHEMICAL CO INC
Address:	1667 Purdy Rd
City:	MOJAVE
Facility ID:	South Lahontan 15I019131
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:	0
Facility Telephone:	6618242494
Facility Contact:	Stephan Wilhelm
Agency Name:	NIKLOR CHEMICAL CO INC
Agency Address:	1667 Purdy Rd
Agency City,St,Zip:	Mojave 93501
Agency Contact:	Stephan Wilhelm
Agency Telephone:	6618242494
Agency Type:	?
SIC Code:	2879
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 thosewho 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.

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

CIWQS:

Name:	NIKLOR CHEMICAL CO INC
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Niklor Chemical Co Inc
Agency Address:	1667 Purdy Rd, Mojave, CA 93501
Place/Project Type:	Industrial - Pesticides and Agricultural Chemicals, NEC
SIC/NAICS:	2879
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I019131
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/19/2004
Termination Date:	05/05/2015
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:	35.0261
Longitude:	-118.14433

CERS:

Name:	TRICAL INC.
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	500295
CERS ID:	110046524249
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	STEPHEN WILHELM
Entity Title:	OPERATOR
Affiliation Address:	1667 PURDY AVE
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	NEIL ADKINS
Entity Title:	PLANT MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Affiliation Type Desc:	Environmental Contact
Entity Name:	ROBERT WITT
Entity Title:	CONTROLLER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	STEPHEN N WILHELM
Entity Title:	SAFETY MANAGER
Affiliation Address:	1667 PRUDY ROAD
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Owner
Entity Name:	TRICAL
Entity Title:	OWNER
Affiliation Address:	POBOX 1327
Affiliation City:	HOLLISTER
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	STEPHEN N. WILHELM
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:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	BETH ANDERSON
Entity Title:	STATE REGULATORY MANAGER
Affiliation Address:	15401 WESTON PARKWAT SUITE 150
Affiliation City:	CARY
Affiliation State:	NC
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	JOHN H WILHELM
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: STEPHEN WILHELM
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 1667 PURDY AVE
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: LARRY ABRAMS 10TH 2126
Entity Title: ROBERT WITT, CONTROLLER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: NIKLOR CHEMICAL CO INC
Address: 1667 PURDY RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
EPA ID: CAL000260052
Inactive Date: 06/30/2016
Create Date: 09/30/2002
Last Act Date: 01/12/2017
Mailing Name: Not reported
Mailing Address: 1667 PURDY RD
Mailing Address 2: Not reported
Mailing City,State,Zip: MOJAVE, CA 935017403
Owner Name: NIKLOR CHEMICAL CO INC
Owner Address: 1667 PURDY RD
Owner Address 2: Not reported
Owner City,State,Zip: MOJAVE, CA 935017403
Contact Name: STEPHEN N WILHELM
Contact Address: 1667 PURDY RD
Contact Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501

NAICS:
EPA ID: CAL000260052
Create Date: 2002-09-30 15:51:31
NAICS Code: 325998
NAICS Description: All Other Miscellaneous Chemical Product and Preparation Manufacturing
Issued EPA ID Date: 2002-09-30 15:51:31
Inactive Date: 2016-06-30 00:00:00
Facility Name: NIKLOR CHEMICAL CO INC
Facility Address: 1667 PURDY RD
Facility Address 2: Not reported
Facility City: MOJAVE

NIKLOR CHEMICAL CO INC (Continued) **S106800777**

Facility County: 15
Facility State: CA
Facility Zip: 93501

CV771 **TRICAL INC** **HAZNET** **S113155113**
Target **1667 PURDY RD** **HWTS** **N/A**
Property **MOJAVE, CA 93501**

Site 5 of 5 in cluster CV

Actual: **2644 ft.**
Focus Map: **17**

HAZNET:
Name: TRICAL INC
Address: 1667 PURDY RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935017403
Contact: STEPHEN WILHELM
Telephone: 6618242494
Mailing Name: Not reported
Mailing Address: 1667 PURDY RD

Year: 2017
Gepaid: CAL000339810
TSD EPA ID: AZR000515924
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: 0.1

Year: 2017
Gepaid: CAL000339810
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 3.5

Year: 2017
Gepaid: CAL000339810
TSD EPA ID: CAD980675276
CA Waste Code: 291 - Latex waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.417

Year: 2017
Gepaid: CAL000339810
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: 0.575

Year: 2016
Gepaid: CAL000339810
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)

TRICAL INC (Continued) **S113155113**

Tons: 0.95

Year: 2016
Gepaid: CAL000339810
TSD EPA ID: CAD980675276
CA Waste Code: 291 - Latex waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.667

Year: 2016
Gepaid: CAL000339810
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 13.05

Year: 2015
Gepaid: CAL000339810
TSD EPA ID: NED981723513
CA Waste Code: 352 - Other organic solids
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 8.94

Year: 2015
Gepaid: CAL000339810
TSD EPA ID: UTD991301748
CA Waste Code: 291 - Latex waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.2

Year: 2015
Gepaid: CAL000339810
TSD EPA ID: CAD980675276
CA Waste Code: 291 - Latex waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.225

Click this hyperlink while viewing on your computer to access
29 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2010
Gen EPA ID: CAL000339810

Shipment Date: 20101006
Creation Date: 3/28/2011 18:30:08
Receipt Date: 20101025
Manifest ID: 003047070FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: TXD055141378

TRICAL INC (Continued) **S113155113**

Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: - Not reported
RCRA Code: D034
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 3
Waste Quantity: 6000
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: 20101006
Creation Date: 3/28/2011 18:30:08
Receipt Date: 20101025
Manifest ID: 003047070FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: TXD055141378
Trans Name: CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F003
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.165
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: D001
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: CAL000339810

Shipment Date: 20111104
Creation Date: 5/29/2012 20:30:08
Receipt Date: 20111118
Manifest ID: 004787357FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
TSDF EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005

TRICAL INC (Continued) **S113155113**

Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111104
Creation Date:	3/12/2012 20:30:14
Receipt Date:	20111122
Manifest ID:	004787358FLE
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:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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:	20111104
Creation Date:	5/29/2012 20:30:08
Receipt Date:	20111118
Manifest ID:	004787357FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	4.2
Waste Quantity:	8400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

TRICAL INC (Continued) **S113155113**

Additional Code 5:	Not reported
Shipment Date:	20110815
Creation Date:	2/7/2012 20:30:12
Receipt Date:	20110819
Manifest ID:	004769350FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SST
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	4.95
Waste Quantity:	9900
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:	20110607
Creation Date:	12/9/2011 18:30:36
Receipt Date:	20110701
Manifest ID:	004768933FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.6
Waste Quantity:	7200
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:	20110322
Creation Date:	8/26/2011 18:30:13
Receipt Date:	20110405
Manifest ID:	004475694FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250

TRICAL INC (Continued) **S113155113**

Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.75
Waste Quantity:	7500
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:	20110301
Creation Date:	4/27/2011 18:30:43
Receipt Date:	20110301
Manifest ID:	008149380JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.6255
Waste Quantity:	150
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:	2009
Gen EPA ID:	CAL000339810

Shipment Date:	20091211
Creation Date:	7/20/2010 18:30:24
Receipt Date:	20091231
Manifest ID:	003012695FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LP
TSDF Alt EPA ID:	Not reported

TRICAL INC (Continued) **S113155113**

TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	4.5
Waste Quantity:	9000
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:	2016
Gen EPA ID:	CAL000339810
Shipment Date:	20151218
Creation Date:	10/3/2016 18:30:34
Receipt Date:	20160107
Manifest ID:	009042236FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	1.8
Waste Quantity:	3600
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:	20150917
Creation Date:	12/16/2015 22:15:07
Receipt Date:	20150925
Manifest ID:	009114046FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

TRICAL INC (Continued) **S113155113**

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:	20150917
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150924
Manifest ID:	009114049FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	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:	20150917
Creation Date:	4/7/2016 22:15:27
Receipt Date:	20151008
Manifest ID:	009114047FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	1.8
Waste Quantity:	3600
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

TRICAL INC (Continued) **S113155113**

Shipment Date:	20150630
Creation Date:	9/11/2015 22:15:40
Receipt Date:	20150715
Manifest ID:	008089899FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
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:	20150630
Creation Date:	1/20/2016 22:15:50
Receipt Date:	20150717
Manifest ID:	008089898FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESS WAY
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3
Waste Quantity:	6000
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:	20150630
Creation Date:	9/11/2015 22:15:40
Receipt Date:	20150715
Manifest ID:	008089899FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC

TRICAL INC (Continued) **S113155113**

TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: 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

Shipment Date: 20150316
Creation Date: 6/25/2015 22:15:36
Receipt Date: 20150330
Manifest ID: 008021246FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: TXR000081205
Trans 2 Name: SAFETY KLEEN SYSTEMS INC
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: 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: 20150316
Creation Date: 8/21/2015 22:15:54
Receipt Date: 20150402
Manifest ID: 008021244FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D034
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

TRICAL INC (Continued) **S113155113**

Quantity Tons:	4.14
Waste Quantity:	8280
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:	20150316
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150330
Manifest ID:	008021243FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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:	2017
Gen EPA ID:	CAL000339810
Shipment Date:	20170919
Creation Date:	9/28/2018 18:30:12
Receipt Date:	20171013
Manifest ID:	011149544FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TSMT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	5.25
Waste Quantity:	10500
Quantity Unit:	P
Additional Code 1:	Not reported

TRICAL INC (Continued) **S113155113**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170616
Creation Date:	10/8/2018 18:30:25
Receipt Date:	20170701
Manifest ID:	010874107FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TSMT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3
Waste Quantity:	6000
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:	20170616
Creation Date:	8/10/2018 18:30:35
Receipt Date:	20170707
Manifest ID:	010874106FLE
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:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
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:	20170616
Creation Date:	5/21/2018 18:33:32
Receipt Date:	20160703

TRICAL INC (Continued) **S113155113**

Manifest ID:	010874109FLE
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
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.275
Waste Quantity:	550
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:	20170320
Creation Date:	5/11/2018 18:34:27
Receipt Date:	20170324
Manifest ID:	016857834JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170309
Creation Date:	5/25/2017 18:31:01
Receipt Date:	20170317
Manifest ID:	010488322FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC

TRICAL INC (Continued) **S113155113**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
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:	20170309
Creation Date:	5/11/2018 18:32:17
Receipt Date:	20170323
Manifest ID:	010488323FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	TSMT
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.5
Waste Quantity:	7000
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:	20170309
Creation Date:	5/4/2018 18:31:04
Receipt Date:	20170315
Manifest ID:	010488326FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE 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
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600

TRICAL INC (Continued) **S113155113**

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:	CAL000339810
Shipment Date:	20121213
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	006098022FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	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:	20121213
Creation Date:	5/21/2013 22:15:06
Receipt Date:	20121231
Manifest ID:	006098020FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	5.075
Waste Quantity:	10150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

TRICAL INC (Continued) **S113155113**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20120918
Manifest ID:	005641091FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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:	20120830
Creation Date:	3/21/2013 22:15:13
Receipt Date:	20120920
Manifest ID:	005641092FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	2.5875
Waste Quantity:	5175
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:	20120830
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20120918
Manifest ID:	005641091FLE
Trans EPA ID:	MAD039322250

TRICAL INC (Continued) **S113155113**

Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 291 - Latex waste
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: Not reported
Waste Quantity: 700
Quantity Unit: Not reported
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: 20120529
Creation Date: 10/10/2012 22:15:09
Receipt Date: 20120628
Manifest ID: 005206512FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.5
Waste Quantity: 1000
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: 20120529
Creation Date: 10/10/2012 22:15:09
Receipt Date: 20120628
Manifest ID: 005206512FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID: CAD980675276
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

TRICAL INC (Continued) **S113155113**

CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
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:	20120529
Creation Date:	12/10/2012 22:15:57
Receipt Date:	20120626
Manifest ID:	005206513FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120529
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120628
Manifest ID:	005206512FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported

TRICAL INC (Continued) **S113155113**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120529
Creation Date:	12/10/2012 22:15:57
Receipt Date:	20120626
Manifest ID:	005206513FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	2.66
Waste Quantity:	5320
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:	2014
Gen EPA ID:	CAL000339810
Shipment Date:	20141216
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141231
Manifest ID:	008070747FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	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

TRICAL INC (Continued) **S113155113**

Shipment Date:	20141216
Creation Date:	6/25/2015 22:16:11
Receipt Date:	20150107
Manifest ID:	008070746FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	4.35
Waste Quantity:	8700
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:	20141216
Creation Date:	8/21/2015 22:15:14
Receipt Date:	20150113
Manifest ID:	008070745FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
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:	20141216
Creation Date:	3/27/2015 22:15:05
Receipt Date:	20141231
Manifest ID:	008070747FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC

TRICAL INC (Continued) **S113155113**

TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20140919
Creation Date:	2/13/2015 22:15:17
Receipt Date:	20140925
Manifest ID:	008067520FLE
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:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	5.75
Waste Quantity:	11500
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:	20140919
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140919
Manifest ID:	008067522FLE
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
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

TRICAL INC (Continued) **S113155113**

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:	20140919
Creation Date:	11/22/2014 22:15:14
Receipt Date:	20140919
Manifest ID:	008067522FLE
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
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
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:	20140617
Creation Date:	11/11/2014 22:15:05
Receipt Date:	20140627
Manifest ID:	007764817FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY-KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.575
Waste Quantity:	7150
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

TRICAL INC (Continued) **S113155113**

Shipment Date:	20140617
Creation Date:	9/13/2014 22:15:20
Receipt Date:	20140703
Manifest ID:	007764819FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY-KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5
Waste Quantity:	1000
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:	20140319
Creation Date:	8/14/2014 22:15:12
Receipt Date:	20140402
Manifest ID:	007479607FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3
Waste Quantity:	6000
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:	2013
Gen EPA ID:	CAL000339810

Shipment Date:	20131218
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131230
Manifest ID:	006792518FLE

TRICAL INC (Continued) **S113155113**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEM INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	420
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:	20131218
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131230
Manifest ID:	006792517FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3.85
Waste Quantity:	7700
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:	20131218
Creation Date:	3/18/2014 22:15:05
Receipt Date:	20131230
Manifest ID:	006792518FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEM INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

TRICAL INC (Continued) **S113155113**

CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.205
Waste Quantity:	410
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:	20130916
Creation Date:	1/28/2014 22:15:25
Receipt Date:	20130923
Manifest ID:	006796189FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.2125
Waste Quantity:	425
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:	20130916
Creation Date:	1/28/2014 22:15:25
Receipt Date:	20130923
Manifest ID:	006796189FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	4.725
Waste Quantity:	9450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

TRICAL INC (Continued) **S113155113**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130916
Creation Date:	1/28/2014 22:15:25
Receipt Date:	20130923
Manifest ID:	006796189FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.2375
Waste Quantity:	475
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:	20130617
Creation Date:	10/22/2013 22:15:05
Receipt Date:	20130701
Manifest ID:	006635484FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2825
Waste Quantity:	565
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:	20130617
Creation Date:	10/22/2013 22:15:05
Receipt Date:	20130701
Manifest ID:	006635484FLE

TRICAL INC (Continued) **S113155113**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.21
Waste Quantity:	420
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:	20130617
Creation Date:	11/7/2013 22:15:06
Receipt Date:	20130705
Manifest ID:	006635485FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	2.79
Waste Quantity:	5580
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:	20130308
Creation Date:	8/12/2013 22:15:07
Receipt Date:	20130326
Manifest ID:	006092687FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDF EPA ID:	TXD055141378
Trans Name:	CLEAN HARBORS DEER PARK LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

TRICAL INC (Continued) **S113155113**

CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	2.625
Waste Quantity:	5250
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:	2015
Gen EPA ID:	CAL000339810
Shipment Date:	20151218
Creation Date:	10/3/2016 18:30:34
Receipt Date:	20160107
Manifest ID:	009042236FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	1.8
Waste Quantity:	3600
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:	20150917
Creation Date:	12/16/2015 22:15:07
Receipt Date:	20150925
Manifest ID:	009114046FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	291 - Latex waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.225

TRICAL INC (Continued) **S113155113**

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:	20150917
Creation Date:	4/7/2016 22:15:27
Receipt Date:	20151008
Manifest ID:	009114047FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESSWAY
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	1.8
Waste Quantity:	3600
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:	20150917
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150924
Manifest ID:	009114049FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	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

TRICAL INC (Continued) **S113155113**

Shipment Date:	20150630
Creation Date:	1/20/2016 22:15:50
Receipt Date:	20150717
Manifest ID:	008089898FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	AZR000513770
Trans 2 Name:	SLT EXPRESS WAY
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D034
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	3
Waste Quantity:	6000
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:	20150630
Creation Date:	9/11/2015 22:15:40
Receipt Date:	20150715
Manifest ID:	008089899FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
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:	20150630
Creation Date:	9/11/2015 22:15:40
Receipt Date:	20150715
Manifest ID:	008089899FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC

TRICAL INC (Continued) **S113155113**

TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: 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

Shipment Date: 20150316
Creation Date: 8/21/2015 22:15:54
Receipt Date: 20150402
Manifest ID: 008021244FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: NED981723513
Trans Name: CLEAN HARBORS ENV SERVICES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D034
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 4.14
Waste Quantity: 8280
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: 20150316
Creation Date: 8/18/2015 22:15:10
Receipt Date: 20150330
Manifest ID: 008021243FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: AZR000513770
Trans 2 Name: SLT
TSDF EPA ID: UTD991301748
Trans Name: CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 291 - Latex waste
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

TRICAL INC (Continued) **S113155113**

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:	20150316
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150330
Manifest ID:	008021246FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Disposal Method:	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

HWTS:

Name:	TRICAL INC
Address:	1667 PURDY RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935017403
EPA ID:	CAL000339810
Inactive Date:	Not reported
Create Date:	01/15/2009
Last Act Date:	09/04/2019
Mailing Name:	Not reported
Mailing Address:	1667 PURDY RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 935017403
Owner Name:	TRICAL INC
Owner Address:	8100 ARROYO CIRCLE
Owner Address 2:	Not reported
Owner City,State,Zip:	GILROY, CA 950207305
Contact Name:	STEPHEN WILHELM
Contact Address:	1667 PURDY RD
Contact Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501

NAICS:

TRICAL INC (Continued) **S113155113**

EPA ID:	CAL000339810
Create Date:	2009-01-15 15:15:52
NAICS Code:	32532
NAICS Description:	Pesticide and Other Agricultural Chemical Manufacturing
Issued EPA ID Date:	2009-01-15 15:15:52
Inactive Date:	Not reported
Facility Name:	TRICAL INC
Facility Address:	1667 PURDY RD
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	935017403

CW772 **TRICAL MOJAVE** **TRIS** **1009397917**
Target **1667 PURDY AVE** **93501NKLRC1667P**
Property **MOJAVE, CA 93501**

Site 1 of 12 in cluster CW

Actual: **2674 ft.**

Focus Map: **16**

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	93501NKLRC1667P
Form Type:	Form R
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	OPERATIONS STEPHEN WILHELM
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-06-26
Name:	TRICAL MOJAVE
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	TRICAL MOJAVE
Mailing street:	1667 PURDY AVE
Mailing province:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 93501
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	STEPHEN N. WILHELM
Public contact phone and Ext:	6618242494
Public contact email:	SWILHELM@TRICAL.COM
Primary sic code:	Not reported
Sic code 2:	Not reported
Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	325320
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	35.028056
Longitude:	-118.160833
D and B number A:	028715530
D and B number B:	Not reported
RCRA number A:	CAR000200717
RCRA number B:	CAL000339810
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	CAZ455332
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	TRICAL INC
Parent company D and B number:	028715530
Standardized parent company name:	TRICAL INC
Document control number:	1318217165012
TRI ID:	93501NKLRC1667P
Cas number:	000075569
Chemical name:	PROPYLENE OXIDE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	05
Fugitive air emissions - total release pounds:	404
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	404
Fugitive air emissions - basis of estimate:	On-Site-Specific Emission Factors
Stack air emissions - release pounds:	1
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1
Stack air emissions - basis of estimate:	Continuous Monitoring Data
Total air emissions:	405
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	405
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0

TRICAL MOJAVE (Continued) **1009397917**

Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	708
Total on-site waste management:	708
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110046524249
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000075569
Document control number:	1318217165012
Chemical name:	PROPYLENE OXIDE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No

TRICAL MOJAVE (Continued) **1009397917**

As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	TRICAL MOJAVE
Submitted Street:	1667 PURDY AVE
Submitted City:	MOJAVE
Submitted County:	KERN
Submitted State:	CA
Submitted Zip Code:	93501
Submitted BIA Code:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	TRICAL INC
Submitted Parent Company DB Number:	28715530
Submitted Standardized Parent Company Name:	TRICAL INC
Submitted Primary NAICS Code:	325320
Submitted Industry Code:	325
Submitted Industry Name:	Chemicals
Industry Code:	325
Industry Name:	Chemicals
Last year the facility reported:	2018
First year the facility reported:	2004
Number of forms submitted:	4
Total number of forms submitted:	45

Detailed Source Reduction Activities and Methods:

Cas number:	000075569
Document control number:	1318217165012
Chemical name:	PROPYLENE OXIDE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	405
Other on-site releases - current year:	405
Other on-site releases - following year:	405
Other on-site releases - 2nd-following year:	405
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	708
Quantity treated on site current year:	708
Quantity treated on site following year:	708
Quantity treated on site 2nd-following year:	708
Quantity treated off site prior year:	0

TRICAL MOJAVE (Continued) **1009397917**

Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	2
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000075569
Document control number:	1318217165012
Chemical name:	PROPYLENE OXIDE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Scrubber
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	93501NKLRC1667P
Cas number:	000542756
Chemical name:	1,3-DICHLOROPROPYLENE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	385
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	385
Fugitive air emissions - basis of estimate:	On-Site-Specific Emission Factors
Stack air emissions - release pounds:	1
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1
Stack air emissions - basis of estimate:	Periodic/Random Monotoning Data
Total air emissions:	386
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	386
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0

TRICAL MOJAVE (Continued) **1009397917**

Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	15340
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	15340
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	15340
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110046524249
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000542756
Document control number:	1318217164983
Chemical name:	1,3-DICHLOROPROPYLENE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No

TRICAL MOJAVE (Continued) **1009397917**

On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	TRICAL MOJAVE
Submitted Street:	1667 PURDY AVE
Submitted City:	MOJAVE
Submitted County:	KERN

TRICAL MOJAVE (Continued) **1009397917**

Submitted State:	CA
Submitted Zip Code:	93501
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	TRICAL INC
Submitted Parent Company DB Number:	28715530
Submitted Standardized Parent Company Name:	TRICAL INC
Submitted Primary NAICS Code:	325320
Submitted Industry Code:	325
Submitted Industry Name:	Chemicals
Industry Code:	325
Industry Name:	Chemicals
Last year the facility reported:	2018
First year the facility reported:	2004
Number of forms submitted:	4
Total number of forms submitted:	45

Detailed Source Reduction Activities and Methods:

Cas number:	000542756
Document control number:	1318217164983
Chemical name:	1,3-DICHLOROPROPYLENE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	386
Other on-site releases - current year:	386
Other on-site releases - following year:	386
Other on-site releases - 2nd-following year:	386
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	1
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0

TRICAL MOJAVE (Continued) **1009397917**

Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	15340
Quantity treated off site current year:	15340
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.14
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000542756
Document control number:	1318217164983
Chemical name:	1,3-DICHLOROPROPYLENE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	000542756
Document control number:	1318217164983
Chemical name:	1,3-DICHLOROPROPYLENE
Classification:	TRI
Offsite RCRA id nr:	NED981723513
Offsite transfer sequence number:	1
Offsite name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Offsite street address:	2247 SOUTH HIGHWAY 71
Offsite City,State,Zip:	KIMBALL, NE 69145
Offsite county:	KIMBALL
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Total amount transferred offsite for disposal:	0
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Offsite incineration/thermal treatment m50 LBS:	15340
Offsite incineration/thermal treatment m50 BOE:	Mass Balance Calculations
Total amount transferred offsite for treatment:	15340
FRS ID - Transfer Location:	Not reported

TRI ID:	93501NKLRC1667P
Cas number:	000074839
Chemical name:	BROMOMETHANE

TRICAL MOJAVE (Continued) **1009397917**

Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	385
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	385
Fugitive air emissions - basis of estimate:	On-Site-Specific Emission Factors
Stack air emissions - release pounds:	1
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1
Stack air emissions - basis of estimate:	Continuous Monitoring Data
Total air emissions:	386
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0

TRICAL MOJAVE (Continued) **1009397917**

Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	386
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	1
Recycled on site current year:	0
Treated on site current year:	0

TRICAL MOJAVE (Continued) **1009397917**

Total on-site waste management:	1
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Other recovery or reclamation for reuse (including acid regeneration or other chemical reaction process)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110046524249
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000074839
Document control number:	1318217164995
Chemical name:	BROMOMETHANE
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No

TRICAL MOJAVE (Continued) **1009397917**

Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	TRICAL MOJAVE
Submitted Street:	1667 PURDY AVE
Submitted City:	MOJAVE
Submitted County:	KERN
Submitted State:	CA
Submitted Zip Code:	93501
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	TRICAL INC
Submitted Parent Company DB Number:	28715530
Submitted Standardized Parent Company Name:	TRICAL INC
Submitted Primary NAICS Code:	325320
Submitted Industry Code:	325
Submitted Industry Name:	Chemicals
Industry Code:	325
Industry Name:	Chemicals
Last year the facility reported:	2018
First year the facility reported:	2004
Number of forms submitted:	4
Total number of forms submitted:	45

Detailed Source Reduction Activities and Methods:

Cas number:	000074839
Document control number:	1318217164995
Chemical name:	BROMOMETHANE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	389
Other on-site releases - current year:	386
Other on-site releases - following year:	386

TRICAL MOJAVE (Continued) **1009397917**

Other on-site releases - 2nd-following year:	386
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	1
Quantity recycled on site following year:	1
Quantity recycled on site 2nd-following year:	1
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.15
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000074839
Document control number:	1318217164995
Chemical name:	BROMOMETHANE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Condenser
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

TRI ID:	93501NKLRC1667P
Cas number:	000076062
Chemical name:	CHLOROPICRIN
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	NO
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	400
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	400
Fugitive air emissions - basis of estimate:	On-Site-Specific Emission Factors
Stack air emissions - release pounds:	1
Stack air emissions - release range code:	Not reported
Total stack air emissions:	1
Stack air emissions - basis of estimate:	Continuous Monitoring Data
Total air emissions:	401
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	401
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0

TRICAL MOJAVE (Continued) **1009397917**

Energy recovery on site current year:	1
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	1
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Solvent recovery (including distillation, evaporation, fractionation or extraction)
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110046524249
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0

Chemical Activities and Uses:

Cas number:	000076062
Document control number:	1318217165000
Chemical name:	CHLOROPICRIN
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	Yes
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	No
Repackaging:	Yes
As a process impurity:	No
Processed / recycling:	No

TRICAL MOJAVE (Continued) **1009397917**

Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No
Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No

Submitted Facility Name:	TRICAL MOJAVE
Submitted Street:	1667 PURDY AVE
Submitted City:	MOJAVE
Submitted County:	KERN
Submitted State:	CA
Submitted Zip Code:	93501
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	TRICAL INC
Submitted Parent Company DB Number:	28715530
Submitted Standardized Parent Company Name:	TRICAL INC
Submitted Primary NAICS Code:	325320
Submitted Industry Code:	325
Submitted Industry Name:	Chemicals
Industry Code:	325
Industry Name:	Chemicals
Last year the facility reported:	2018
First year the facility reported:	2004
Number of forms submitted:	4
Total number of forms submitted:	45

Detailed Source Reduction Activities and Methods:

Cas number:	000076062
Document control number:	1318217165000
Chemical name:	CHLOROPICRIN
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0

TRICAL MOJAVE (Continued) **1009397917**

Other on-site releases - prior year:	401
Other on-site releases - current year:	401
Other on-site releases - following year:	401
Other on-site releases - 2nd-following year:	401
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	1
Quantity recycled on site current year:	1
Quantity recycled on site following year:	1
Quantity recycled on site 2nd-following year:	1
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.71
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	000076062
Document control number:	1318217165000
Chemical name:	CHLOROPICRIN
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Gaseous (gases, vapors, airborne particulates)
Stream 1 - trtmt method - sequence 1:	Condenser
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	NO
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported

TRICAL MOJAVE (Continued) **1009397917**

Stream 5 - trtmt method - sequence 8: Not reported
Stream 5 - based on operating data: Not reported

CW773 **TERMINAL STORAGE FACILITY** **CERS HAZ WASTE** **S121679440**
Target **1667 PURDY AVE** **CERS TANKS** **N/A**
Property **MOJAVE, CA 93501** **CIWQS**
CERS

Site 2 of 12 in cluster CW

Actual: 2674 ft.

Focus Map: 16

CERS HAZ WASTE:

Name:	TRICAL, INC. - MOJAVE.
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	404334
CERS ID:	10235563
CERS Description:	Hazardous Waste Generator

Name:	TRICAL, INC. - MOJAVE.
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	404334
CERS ID:	10235563
CERS Description:	RCRA LQ HW Generator

Name:	TRICAL, INC. - MOJAVE.
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	404334
CERS ID:	10235563
CERS Description:	Hazardous Chemical Management

CERS TANKS:

Name:	TRICAL, INC. - MOJAVE.
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	404334
CERS ID:	10235563
CERS Description:	Aboveground Petroleum Storage

CIWQS:

Name:	TERMINAL STORAGE FACILITY
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Agency:	Trical Inc
Agency Address:	PO Box 1327, Hollister, CA 95024
Place/Project Type:	Construction - Industrial
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	6B15C348092
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/25/2007

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Termination Date:	07/20/2009
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:	35
Longitude:	Error

CERS:

Name:	TRICAL, INC. - MOJAVE.
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	404334
CERS ID:	10235563
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-17-2017
Citation:	19 CCR 4.5 2760.5(f) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.5(f)
Violation Description:	Failure to ensure: 1. In the construction of new plants and equipment that equipment as it is fabricated is suitable for the process application for which it will be used. 2. Appropriate checks and inspections are performed to assure that equipment is installed properly and consistent with design specifications and the manufacturer's instructions. 3. Maintenance materials, spare parts, and equipment are suitable for the process application for which they will be used.
Violation Notes:	Returned to compliance on 04/18/2017. 4-18 Violation has been corrected by adding info to data base spreadsheet The Department recommends that the Mechanical Integrity and Preventative Maintenance programs be automated to assure that critical safety items and critical maintenance issues are not missed.
Violation Division:	Kern County Env Health Services Department
Violation Program:	CalARP
Violation Source:	CERS

Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	08-10-2009
Citation:	09001 - Search Title 8 regulations for 3382 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-22-2019
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5,

TERMINAL STORAGE FACILITY (Continued) **S121679440**

	Section(s) 25201(a)
Violation Description:	Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes:	Returned to compliance on 04/02/2019. DURING THE TIME OF THE INSPECTION, THE UNIFIED PROGRAM AGENCY OBSERVED USED OIL THAT HAS BEEN ON-SITE BEYOND THE 90 DAY REMOVAL PERIOD. PLEASE REMOVE HAZARDOUS WASTE AND PROVIDE MANIFEST DOCUMENTATION TO ABATE THE VIOLATION.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-17-2017
Citation:	19 CCR 4.5 2760.3(a)(4) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.3(a)(4)
Violation Description:	Failure to develop and implement written operating procedures that address safety systems and their functions.
Violation Notes:	Returned to compliance on 04/14/2017. 4-14 Violation corrected During the course of the inspection, it was observed during the paperwork inspection the facility is no longer conducting their portion of the annual Fire Safety System maintenance/testing. The facilities SOP's state that the facility is working with a third party company to conduct the testing. However, with speaking with facility employees it was discovered that the third party is now completing the whole test. Also, there were comments in the reports showing failures and areas stating that the facility will complete but the facility has not done it. The facility must update their SOP's to show that the third party company is completing all testing and they must address any comments or failures found.
Violation Division:	Kern County Env Health Services Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	05-09-2018
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
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 05/15/2018. OBSERVED THAT THE LAST HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) WAS SUBMITTED ON 02/27/17. THE 2018 SUBMITTAL WAS SUBMITTED ON 05/08/2018. THIS SUBMITTAL IS CONSIDERED LATE, BUT WAS CORRECTED PRIOR TO THE INSPECTION DATE OF 05/09/18. PLEASE ENSURE THAT THE ANNUAL SUBMITTAL IS PERFORMED CONSISTENTLY. NO FURTHER ACTION IS NEEDED.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-22-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

TERMINAL STORAGE FACILITY (Continued) **S121679440**

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 04/02/2019. PLEASE UPDATE THE CONTACT INFORMATION FOR THE UNIFIED PROGRAM AGENCY (UPA) WITHIN THE CONTINGENCY PLAN (UPA) TO INCLUDE THE 24-HOUR CONTACT FOR THE PRIMARY AND SECONDARY RESPONDERS FOR THE UPA. THE FOLLOWING ARE THE NUMBERS FOR THE PRIMARY AND SECONDARY RESPONDERS: -PRIMARY RESPONDER: 661-549-9927 -SECONDARY RESPONDER: 661-549-9885
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-17-2017
Citation:	19 CCR 4.5 2760.1(d)(3) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.1(d)(3)
Violation Description:	For existing equipment designed and constructed in accordance with codes, standards, or practices that are no longer in general use, the owner or operator has determined and documented that the equipment is designed, maintained, inspected, tested, and operating in a safe manner.
Violation Notes:	Returned to compliance on 04/07/2017. 4-7 Violations corrected During the course of the inspection, it was observed that out of service piping and a process tank did not contain any markings stating its current state. Please update the piping and once complete, please sign and return the last page of the report certifying compliance. This violation shall be corrected within 30 days.
Violation Division:	Kern County Env Health Services Department
Violation Program:	CalARP
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	01-28-2010
Citation:	09001 - Search Title 8 regulations for 3382 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.
Violation Date:	03-24-2010
Citation:	01001 - Search Title 8 regulations for 3340 E at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS
Site ID:	404334
Site Name:	Trical, Inc. - Mojave.

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Violation Date: 03-17-2017
Citation: 19 CCR 4.5 2760.1(a)(d)(1) - California Code of Regulations, Title 19, Chapter 4.5, Section(s) 2760.1(a)(d)(1)
Violation Description: Failure to compile written process safety information pertaining to the equipment in the process that includes the following: 1. Materials of construction; 2. Piping and instrument diagrams (P&IDs); 3. Electrical classification; 4. Relief system design and design basis: ? Ventilation system design; 5. Design codes and standards employed; 6. Material and energy balances for processes built after June 21, 1999; 7. Safety systems (e.g., interlocks, detection, or suppression systems).
Violation Notes: Returned to compliance on 04/18/2017. 4-18 Violation has been corrected by adding info to data base spreadsheet Develop a list of equipment that categorizes the equipment into sections for each process ie. Methyl Bromide, and Propylene Oxide.
Violation Division: Kern County Env Health Services Department
Violation Program: CalARP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Other/Unknown

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Eval Date: 11-08-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Remove and dispose of all defective cylinders. Two tanks of Caustic Soda used in the old chloropicrin process have not used in years. Use or sell or dispose of material.
Eval Division: Kern County Env Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: preparing for inspection
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2018

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Occupational Safety and Health Administration Inspection
Eval Date: 08-07-2009
Violations Found: Yes
Eval Type: Cal/OSHA Inspection
Eval Notes: Not reported
Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Remove and dispose of any unwanted lab chemicals.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Occupational Safety and Health Administration Inspection
Eval Date: 03-03-2010
Violations Found: Yes
Eval Type: Cal/OSHA Inspection
Eval Notes: Not reported

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Occupational Safety and Health Administration Inspection
Eval Date: 08-24-2006
Violations Found: No
Eval Type: Cal/OSHA Inspection
Eval Notes: Not reported
Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS

Coordinates:
Site ID: 404334
Facility Name: Trical, Inc. - Mojave.
Env Int Type Code: CalARP
Program ID: 10235563
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 35.028030
Longitude: -118.160350

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Stephen Wilhelm
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: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: STEPHEN WILHELM
Entity Title: Not reported
Affiliation Address: 1667 PURDY AVE
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Affiliation Address:	1667 PURDY AVE
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Stephen Wilhelm
Entity Title:	AUTHORIZED AGENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Trical 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:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Legal Owner
Entity Name:	Trical Inc
Entity Title:	Not reported
Affiliation Address:	8100 ARROYO CIRCLE
Affiliation City:	GILROY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95020
Affiliation Phone:	(831) 637-0195
Affiliation Type Desc:	Operator
Entity Name:	STEPHEN WILHELM
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:	(661) 824-2494

TERMINAL STORAGE FACILITY (Continued) **S121679440**

Name: TRICAL MOJAVE
Address: 1667 PURDY AVE
City,State,Zip: MOJAVE, CA 93501
Site ID: 52197
CERS ID: 93501NKLRC1667P
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: STEPHEN WILHELM
Entity Title: OPERATIONS
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: STEPHEN N. WILHELM
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: 6618242494

Affiliation Type Desc: Technical Contact
Entity Name: STEPHEN N. WILHELM
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: 6618242494

Affiliation Type Desc: Parent Company
Entity Name: Trical Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

CW774 **TRICAL, INC** **EMI** **S110502875**
Target Property **1667 PURDY AVENUE** **N/A**
MOJAVE, CA 93501

Site 3 of 12 in cluster CW

Actual: 2674 ft.

Focus Map: 16

EMI:

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2008
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.7002203580993731584
Reactive Organic Gases Tons/Yr:	.36902
Carbon Monoxide Emissions Tons/Yr:	.0001122
NOX - Oxides of Nitrogen Tons/Yr:	.0601
SOX - Oxides of Sulphur Tons/Yr:	.00526
Particulate Matter Tons/Yr:	.0089663333333333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.008608

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2009
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.700220358099373
Reactive Organic Gases Tons/Yr:	0.36902000000000001
Carbon Monoxide Emissions Tons/Yr:	0.0001122
NOX - Oxides of Nitrogen Tons/Yr:	6.0100000000000001E-2
SOX - Oxides of Sulphur Tons/Yr:	5.2599999999999999E-3
Particulate Matter Tons/Yr:	8.9663333333333296E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8.6079999999999993E-3

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2010
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

TRICAL, INC (Continued) **S110502875**

Total Organic Hydrocarbon Gases Tons/Yr:	0.700220358099373
Reactive Organic Gases Tons/Yr:	0.36902000000000001
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	6.0100000000000001E-2
SOX - Oxides of Sulphur Tons/Yr:	5.2599999999999999E-3
Particulate Matter Tons/Yr:	8.9663333333333296E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr:	8.6079999999999993E-3

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2011
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.7002203581
Reactive Organic Gases Tons/Yr:	0.36902
Carbon Monoxide Emissions Tons/Yr:	0.2244
NOX - Oxides of Nitrogen Tons/Yr:	0.0601
SOX - Oxides of Sulphur Tons/Yr:	0.00526
Particulate Matter Tons/Yr:	0.0089663333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008608

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2012
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.7002203581
Reactive Organic Gases Tons/Yr:	0.36902
Carbon Monoxide Emissions Tons/Yr:	0.2244
NOX - Oxides of Nitrogen Tons/Yr:	0.0601
SOX - Oxides of Sulphur Tons/Yr:	0.00526
Particulate Matter Tons/Yr:	0.0089663333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008608

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2013
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879

TRICAL, INC (Continued) **S110502875**

Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.7002203581
Reactive Organic Gases Tons/Yr:	0.36902
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.0601
SOX - Oxides of Sulphur Tons/Yr:	0.00526
Particulate Matter Tons/Yr:	0.0089663333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008608

Name:	NIKLOR CHEMICAL
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2014
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.67032305743
Reactive Organic Gases Tons/Yr:	0.36902
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.0601
SOX - Oxides of Sulphur Tons/Yr:	0.00526
Particulate Matter Tons/Yr:	0.0089663333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008608

Name:	TRICAL INC.
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2015
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.67032305743
Reactive Organic Gases Tons/Yr:	0.36902
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0.0601
SOX - Oxides of Sulphur Tons/Yr:	0.00526
Particulate Matter Tons/Yr:	0.0089663333333
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.008608

Name:	TRICAL, INC
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2016
County Code:	15
Air Basin:	MD

TRICAL, INC (Continued) **S110502875**

Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.50283263723
Reactive Organic Gases Tons/Yr:	0.49789562511
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	0.04607227
SOX - Oxides of Sulphur Tons/Yr:	0.0037036164
Particulate Matter Tons/Yr:	0.063751268125
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0612012782

Name:	TRICAL, INC
Address:	1667 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	601
Air District Name:	KER
SIC Code:	2879
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.50283263742
Reactive Organic Gases Tons/Yr:	0.49789562533
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	0.04607227
SOX - Oxides of Sulphur Tons/Yr:	0.003703616
Particulate Matter Tons/Yr:	0.063751267917
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.061201278

CW775 **NIKLOR CHEMICAL COMPANY, INC.** **RMP** **1011832860**
Target **1667 PURDY AVENUE** **N/A**
Property **MOJAVE, CA 93501**

Site 4 of 12 in cluster CW

Actual: **2674 ft.**

Focus Map: **16**

RMP:

Facility ID:	40021
LEPC city:	Not reported
Facility decimal latitude:	35.028056
Facility decimal longitude:	-118.160833
Is facility in county box:	T
LatLong method:	I2
LatLong description:	ST
Home page web address:	Not reported
Facility telephone:	6618242494
Facility email:	Not reported
Facility DUNS #:	8392052
Parent's name:	Not reported
Partner's name:	Not reported
Parent's DUNS #:	0
Partner's DUNS #:	0
Operator's name:	Niklor Chemical Company, Inc.
Operator's telephone:	6618242494

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

Operator's address:	1667 Purdy Avenue
Operators City,St,Zip:	Mojave, CA 93501
RMP implementation contact:	Stephen N. Wilhelm
RMP contact title:	Vice President
Emergency contact:	John H. Wilhelm
Emergency contact title:	President
Emergency contact telephone:	6618242494
24 hour emergency telephone:	3103459292
Emergency contact ext/pin #:	102
Number of full time employees:	20
EPA ID:	Not reported
Facility ID provided by CEPPO:	100000188995
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	2004-01-07 00:00:00
Inspected by:	Kern County Environmental Health Services
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	True
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	False
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2004-09-10 00:00:00
Date of error Report:	Not reported
Date RMP received:	2004-08-23 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*Submit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	2004-08-18 00:00:00
Is RMP complete:	True
Date of de-registration:	2007-10-11 00:00:00
Date de-registration is effective:	2007-05-02 00:00:00
Aniversary date:	2009-08-18 00:00:00
Does RMP contain CBI data:	False
Does RMP contain unsanitized CBI version:	False
RMP version #:	3.2
FRS latitude:	Not reported
FRS longitude:	Not reported
FRS Description:	Not reported
FRS Method:	Not reported

RMP:

Process ID:	57542
NA & Industry Classification Sys.code(s):	325199
NAICS code description:	All Other Basic Organic Chemical Manufacturing
Optional facility description:	Bleach Manufacturing
Program level:	3
Record contains CBI data:	False

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

RMP:
Chemical name: Chlorine
Process chemical qty in 100s lbs: 720000
Process flammable chemical name: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: Not reported
Stability class: Not reported
Topography: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: Not reported
Stability class: Not reported
Topography: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

RMP:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Analytical basic: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

Environmental receptors: Not reported
Passive mitigation: Not reported
Safety review date: Not reported
Most recent PHA date: Not reported
Process Hazard Analysis: Not reported
Expected PHA changes completion date: Not reported
Major Hazard: Not reported
Process Control: Not reported
Mitigation Systems: Not reported
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Not reported
Most recent review of op. procedures: Not reported
Most recent training progs review/update: Not reported
Training: Not reported
Competency testing: Not reported
Most recent maintenance review date: Not reported
Most recent equipment inspection date: Not reported
Equipment tested: Not reported
Most recent changes by mgmt: Not reported
Date of most recent review/update: Not reported
Date of pre-start review: Not reported
Most recent compliance audit date: Not reported
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Date of participation plan review: Not reported
Date of hot work permit review: Not reported
Date of contractor safety review: Not reported
Date of contractor safety eval. review: Not reported
Record has CBI data: Not reported
Safety review date: Not reported
Federal Regulation: Not reported
Federal regulation comment: Not reported
Major Hazard: Not reported
Process Control: Not reported
Mitigation Systems: Not reported
Monitoring/Detection: Not reported
Changes since the last process hazard analysis: Not reported
Most recent hazard review/update: Not reported
Most recent review of op. procedures: Not reported
Most recent training progs review/update: Not reported
Expected completion of review changes: Not reported
Training: Not reported
Competency testing: Not reported
Most recent maintenance review date: Not reported
Most recent equipment inspection date: Not reported
Equipment tested: Not reported
Most recent compliance audit date: Not reported
Expected date of audit completion: Not reported
Most recent incident investigation: Not reported
Expected date of investigation changes: Not reported
Record has CBI data: Not reported
Date of most recent changes: Not reported
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0
Process flammable chemical name: Not reported

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

RMP:
- Percent weight of chemical: Not reported
- Physical state: c
- Analytical basic: EPA's RMP*Comp(TM)
- Scenario: Not reported
- Quantity released in pounds: Not reported
- Release duration in minutes: Not reported
- Release rate in pounds per second: Not reported
- Wind speed in meters/second: 3
- Stability class: D
- Topography: b
- Distance to endpoint in miles: Not reported
- Residential population: Not reported
- Public receptors: Not reported
- Environmental receptors: Not reported
- Passive mitigation: Check Valve
- Active mitigation: Emergency shutdown, Automatic Shut-off System

RMP:
- Percent weight of chemical: Not reported
- Physical state: c
- Analytical basic: DEGADIS Model
- Scenario: Not reported
- Quantity released in pounds: Not reported
- Release duration in minutes: 10
- Release rate in pounds per second: Not reported
- Wind speed in meters/second: 1.5
- Stability class: F
- Topography: b
- Distance to endpoint in miles: Not reported
- Residential population: Not reported
- Public receptors: Not reported
- Environmental receptors: Not reported
- Passive mitigation: Not reported

RMP:
- Endpoint used: Not reported
- LFL value: Not reported
- Analytical basic: Not reported
- Scenario: Not reported
- Quantity released in pounds: Not reported
- Distance to endpoint in miles: Not reported
- Residential population: Not reported
- Public receptors: Not reported
- Environmental receptors: Not reported
- Passive mitigation: Not reported
- Active mitigation: Not reported

RMP:
- Analytical basic: Not reported
- Quantity released in pounds: Not reported
- Distance to endpoint in miles: Not reported
- Residential population: Not reported
- Public receptors: Not reported
- Environmental receptors: Not reported
- Passive mitigation: Not reported
- Safety review date: Not reported
- Most recent PHA date: Not reported

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

RMP:

ER plan:	Not reported
ER plan most recent review date:	2004-08-16 00:00:00
ER plan most recent employee training date:	2004-08-16 00:00:00
Local agency coordinating ER plan:	Kern County Env. Health Services
Telephone of the coordinating local agency:	6618628757
Federal regulation:	True
OSHA 1910 120:	True

NIKLOR CHEMICAL COMPANY, INC. (Continued) **1011832860**

SPCC:	False
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	Not reported

CW776 **TRICAL,INC.** **RCRA-LQG** **1019899494**
Target **1667 PURDY AVE** **FINDS** **CAP000268573**
Property **MOJAVE, CA 93501** **ECHO**

Site 5 of 12 in cluster CW

Actual:
2674 ft.

Focus Map:
16

RCRA-LQG:

Date form received by agency:	2016-10-27 00:00:00.0
Facility name:	GREAT LAKES SOLUTION
Facility address:	1667 PURDY AVE MOJAVE, CA 93501
EPA ID:	CAP000268573
Mailing address:	BENSON ROAD MIDDLEBURY, CT 06749
Contact:	RAMIN ANSARI
Contact address:	BENSON ROAD MIDDLEBURY, CT 06749
Contact country:	US
Contact telephone:	765-427-3535
Contact email:	RAMIN.ANSARI@CHEMTURA.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	TRICAL INC
Owner/operator address:	PURDY RD MOJAVE, CA 93501
Owner/operator country:	US
Owner/operator telephone:	661-824-2494
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2016-10-24 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	TRICAL INC
Owner/operator address:	PURDY RD

TRICAL,INC. (Continued) **1019899494**

MOJAVE, CA 93501
Owner/operator country: US
Owner/operator telephone: 661-824-2494
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2016-10-24 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 801
. Waste name: Waste potentially containing dioxins

. Waste code: U029
. Waste name: METHANE, BROMO- (OR) METHYL BROMIDE

Violation Status: No violations found

FINDS:
Registry ID: 110070270607
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070270607

Environmental Interest/Information System:
OSHA ESTABLISHMENT
Registry ID: 110070119094
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070119094

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

TRICAL,INC. (Continued) **1019899494**

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:	1019899494
Registry ID:	110070119094
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070119094
Name:	GREAT LAKES SOLUTION
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501

CW777 **NIKLOR CHEMICAL COMPANY INC.** **ICIS** **1018311065**
Target Property **1667 PURDY AVENUE** **N/A**
MOJAVE, CA 93501

Site 6 of 12 in cluster CW

Actual: 2674 ft.
Focus Map: 16

ICIS:

Enforcement Action ID:	09-2005-0074
FRS ID:	110046524249
Action Name:	Niklor Chemical
Facility Name:	NIKLOR CHEMICAL COMPANY INC.
Facility Address:	1667 PURDY AVENUE MOJAVE, CA 93501
Enforcement Action Type:	FIFRA 14A Action For Penalty
Facility County:	KERN
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	14A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	35.028056
Longitude in Decimal Degrees:	-118.160833
Permit Type Desc:	Not reported
Program System Acronym:	7424046
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

CW778 **ARYSTA LIFESCIENCE NA LLC** **RCRA-LQG** **1012176199**
Target Property **1667 PURDY AVE.** **CAR000200717**
MOJAVE, CA 93501

Site 7 of 12 in cluster CW

Actual: 2674 ft.
Focus Map: 16

RCRA-LQG:

Date form received by agency:	2012-06-01 00:00:00.0
Facility name:	ARYSTA LIFESCIENCE NA LLC
Facility address:	1667 PURDY AVE. MOJAVE, CA 93501
EPA ID:	CAR000200717
Mailing address:	WESTON PARKWAT, SUITE 150 CARY, NC 27513
Contact:	BETH ANDERSON
Contact address:	WESTON PARKWAT, SUITE 150

ARYSTA LIFESCIENCE NA LLC (Continued) **1012176199**

CARY, NC 27513
Contact country: US
Contact telephone: 919-678-4890
Contact email: BETH.ANDERSON@ARYSTALIFESCIENCE.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: TRICAL INC.
Owner/operator address: PURDY AVE.
MOJAVE, CA 93501
Owner/operator country: US
Owner/operator telephone: 919-678-4890
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2005-01-27 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: TRICAL INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2005-01-06 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: TRICAL INC.
Owner/operator address: PURDY AVE.
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 919-678-4890
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2005-01-27 00:00:00.

ARYSTA LIFESCIENCE NA LLC (Continued) **1012176199**

Owner/Op end date: Not reported

Owner/operator name: TRICAL INC
Owner/operator address: 15401 WESTON PKWY
CARY, CA 27513
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2007-01-24 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2009-06-03 00:00:00.0
Site name: ARYSTA LIFESCIENCE NA LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: U138
. Waste name: METHANE, IODO- (OR) METHYL IODIDE

Violation Status: No violations found

CW779 **ARYSTA LIFESCIENCE NA LLC** **HAZNET** **S113178837**
Target **1667 PURDY AVE** **NPDES** **N/A**
Property **MOJAVE, CA 93501** **CIWQS**
CERS
Site 8 of 12 in cluster CW **HWTS**

Actual: 2674 ft.
Focus Map: 16

HAZNET:
Name: ARYSTA LIFESCIENCE NA LLC
Address: 1667 PURDY AVE
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
Contact: BETH ANDERSON/STATE REG. MGR.
Telephone: 9196784890

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

Mailing Name:	Not reported
Mailing Address:	15401 WESTON PKWY
Year:	2011
Gepaid:	CAR000200717
TSD EPA ID:	TXD000838896
CA Waste Code:	-
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	9.1025

Additional Info:

Year:	2011
Gen EPA ID:	CAR000200717
Shipment Date:	20110303
Creation Date:	8/25/2011 18:30:11
Receipt Date:	20110304
Manifest ID:	000505665VES
Trans EPA ID:	MOD095038998
Trans Name:	TRI-STATE MOTOR TRANSIT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD000838896
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	U138
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	9.1025
Waste Quantity:	18205
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

NPDES:

Name:	TRICAL
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
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:	6B15I025476
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

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

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:	05/18/2015
Operator Name:	Trical Inc
Operator Address:	1667 Purdy Rd
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	455332
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I025476
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/18/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Trical Inc
Discharge Address:	1667 Purdy Rd
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

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 Commertial 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:	6B
Regulatory Measure ID:	455332
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I025476
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:	05/18/2015
Processed Date:	05/18/2015
Status:	Active
Status Date:	05/18/2015
Place Size:	49

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

Place Size Unit:	Acres
Contact:	Stephen Wilhelm
Contact Title:	Operations Manager
Contact Phone:	661-824-2494
Contact Phone Ext:	Not reported
Contact Email:	swilhelm@trical.com
Operator Name:	Trical Inc
Operator Address:	1667 Purdy Rd
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501
Operator Contact:	Paul Niday
Operator Contact Title:	Operations Manager
Operator Contact Phone:	831-637-0195
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pniday@trical.com
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:	310-345-9292
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 Commertial 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:	Antelope Valley
Certifier:	Mark McCaslin
Certifier Title:	Executive Vice President
Certification Date:	11-JUN-15
Primary Sic:	2879-Pesticides and Agricultural Chemicals, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	TRICAL
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

NPDES Number:	CAS000001
Region:	6B
Agency Number:	0
Regulatory Measure ID:	455332
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	6B15I025476
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/18/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1667 Purdy Rd
Discharge Name:	Trical Inc
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	455332
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I025476
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/18/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Trical Inc
Discharge Address:	1667 Purdy Rd
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

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 Commertial 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:	6B
Regulatory Measure ID:	455332
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I025476
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

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:	05/18/2015
Processed Date:	05/18/2015
Status:	Active
Status Date:	05/18/2015
Place Size:	49
Place Size Unit:	Acres
Contact:	Stephen Wilhelm
Contact Title:	Operations Manager
Contact Phone:	661-824-2494
Contact Phone Ext:	Not reported
Contact Email:	swilhelm@trical.com
Operator Name:	Trical Inc
Operator Address:	1667 Purdy Rd
Operator City:	Mojave
Operator State:	California
Operator Zip:	93501
Operator Contact:	Paul Niday
Operator Contact Title:	Operations Manager
Operator Contact Phone:	831-637-0195
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pniday@trical.com
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:	310-345-9292
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 Commertial 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:	Antelope Valley

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

Certifier:	Mark McCaslin
Certifier Title:	Executive Vice President
Certification Date:	11-JUN-15
Primary Sic:	2879-Pesticides and Agricultural Chemicals, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	TRICAL
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Trical Inc
Agency Address:	1667 Purdy Rd, Mojave, CA 93501
Place/Project Type:	Industrial - Pesticides and Agricultural Chemicals, NEC
SIC/NAICS:	2879
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I025476
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/18/2015
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:	35.02803
Longitude:	-118.16036

CERS:

Name:	TRICAL
Address:	1667 PURDY RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	545096
CERS ID:	835516
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Trical Inc
Entity Title:	Operator
Affiliation Address:	1667 Purdy Rd
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

ARYSTA LIFESCIENCE NA LLC (Continued) **S113178837**

HWTS:

Name:	ARYSTA LIFESCIENCE NA LLC
Address:	1667 PURDY AVE
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
EPA ID:	CAR000200717
Inactive Date:	06/30/2014
Create Date:	08/11/2009
Last Act Date:	01/05/2015
Mailing Name:	Not reported
Mailing Address:	15401 WESTON PKWY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CARY, NC 275130000
Owner Name:	ARYSTA LIFESCIENCE NA LLC
Owner Address:	15401 WESTON PKWY
Owner Address 2:	Not reported
Owner City,State,Zip:	CARY, NC 275130000
Contact Name:	BETH ANDERSON/STATE REG. MGR.
Contact Address:	15401 WESTON PKWY
Contact Address 2:	Not reported
City,State,Zip:	CARY, NC 275130000

NAICS:

EPA ID:	CAR000200717
Create Date:	2011-04-05 10:18:12
NAICS Code:	32532
NAICS Description:	Pesticide and Other Agricultural Chemical Manufacturing
Issued EPA ID Date:	2009-08-11 10:31:03
Inactive Date:	2014-06-30 00:00:00
Facility Name:	ARYSTA LIFESCIENCE NA LLC
Facility Address:	1667 PURDY AVE
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	935010000

CW780 **TRICAL INC.** **RMP** **1023713692**
Target **1667 PURDY AVENUE** **N/A**
Property **MOJAVE, CA 93501**

Site 9 of 12 in cluster CW

Actual:
2674 ft.

Focus Map:
16

RMP:

Facility ID:	1000063264
LEPC city:	Kern County EHS
Facility decimal latitude:	35.028056
Facility decimal longitude:	-118.160833
Is facility in county box:	T
LatLong method:	I2
LatLong description:	ST
Home page web address:	www.trical.com
Facility telephone:	6618242494
Facility email:	Not reported
Facility DUNS #:	28715530
Parent's name:	Not reported
Partner's name:	Not reported

TRICAL INC. (Continued) **1023713692**

Parent's DUNS #:	28715530
Partner's DUNS #:	0
Operator's name:	Trical Inc.
Operator's telephone:	6618242494
Operator's address:	1667 Purdy Avenue
Operators City,St,Zip:	Mojave, CA 93501
RMP implementation contact:	Stephen N. Wilhelm
RMP contact title:	Operations Mgr
Emergency contact:	Neil Adkins
Emergency contact title:	Plant Manager
Emergency contact telephone:	6618242494
24 hour emergency telephone:	5625721714
Emergency contact ext/pin #:	Not reported
Number of full time employees:	21
EPA ID:	Not reported
Facility ID provided by CEPPO:	100000188995
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	2017-03-17 00:00:00
Inspected by:	Kern County Environmental Health Services
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	Resubmission
RMP description:	Not reported
Facility has no accident hist. recs:	False
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	2017-05-03 00:00:00
Date of error Report:	Not reported
Date RMP received:	2017-05-03 00:00:00
Does RMP contain graphics files:	False
Does RMP contain attachments:	False
Was certification letter received:	True
RMP submission method:	RMP*eSubmit
Does RMP contain CBI substantiation:	False
Does RMP contain electronic waiver:	False
Date RMP postmarked:	2017-05-03 00:00:00
Is RMP complete:	True
Date of de-registration:	Not reported
Date de-registration is effective:	Not reported
Aniversary date:	2022-05-03 00:00:00
Does RMP contain CBI data:	False
Does RMP contain unsanitized CBI version:	False
RMP version #:	3.2
FRS latitude:	Not reported
FRS longitude:	Not reported
FRS Description:	Not reported
FRS Method:	Not reported

RMP:

Process ID:	1000079421
NA & Industry Classification Sys.code(s):	32532
NAICS code description:	Pesticide and Other Agricultural Chemical Manufacturing

TRICAL INC. (Continued) **1023713692**

Optional facility description: Packaging
Program level: 3
Record contains CBI data: False

RMP:
Chemical name: Public OCA Chemical
Process chemical qty in 100s lbs: 0
Process flammable chemical name: Not reported

RMP:
Percent weight of chemical: 100
Physical state: b
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: 3
Stability class: D
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Percent weight of chemical: 100
Physical state: b
Analytical basic: EPA's RMP*Comp(TM)
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: 9.3000002
Release rate in pounds per second: Not reported
Wind speed in meters/second: 1.5
Stability class: F
Topography: b
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

RMP:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Analytical basic: Not reported
Quantity released in pounds: Not reported

TRICAL INC. (Continued) **1023713692**

Distance to endpoint in miles:	Not reported
Residential population:	Not reported
Public receptors:	Not reported
Environmental receptors:	Not reported
Passive mitigation:	Not reported
Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported
Chemical name:	Propylene oxide [Oxirane, methyl-]

TRICAL INC. (Continued) **1023713692**

Process chemical qty in 100s lbs: 300000
Process flammable chemical name: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: Not reported
Stability class: Not reported
Topography: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Percent weight of chemical: Not reported
Physical state: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Release duration in minutes: Not reported
Release rate in pounds per second: Not reported
Wind speed in meters/second: Not reported
Stability class: Not reported
Topography: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

RMP:
Endpoint used: Not reported
LFL value: Not reported
Analytical basic: Not reported
Scenario: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported
Active mitigation: Not reported

RMP:
Analytical basic: Not reported
Quantity released in pounds: Not reported
Distance to endpoint in miles: Not reported
Residential population: Not reported
Public receptors: Not reported
Environmental receptors: Not reported
Passive mitigation: Not reported

TRICAL INC. (Continued) **1023713692**

Safety review date:	Not reported
Most recent PHA date:	Not reported
Process Hazard Analysis:	Not reported
Expected PHA changes completion date:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent changes by mgmt:	Not reported
Date of most recent review/update:	Not reported
Date of pre-start review:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Date of participation plan review:	Not reported
Date of hot work permit review:	Not reported
Date of contractor safety review:	Not reported
Date of contractor safety eval. review:	Not reported
Record has CBI data:	Not reported
Safety review date:	Not reported
Federal Regulation:	Not reported
Federal regulation comment:	Not reported
Major Hazard:	Not reported
Process Control:	Not reported
Mitigation Systems:	Not reported
Monitoring/Detection:	Not reported
Changes since the last process hazard analysis:	Not reported
Most recent hazard review/update:	Not reported
Most recent review of op. procedures:	Not reported
Most recent training progs review/update:	Not reported
Expected completion of review changes:	Not reported
Training:	Not reported
Competency testing:	Not reported
Most recent maintenance review date:	Not reported
Most recent equipment inspection date:	Not reported
Equipment tested:	Not reported
Most recent compliance audit date:	Not reported
Expected date of audit completion:	Not reported
Most recent incident investigation:	Not reported
Expected date of investigation changes:	Not reported
Record has CBI data:	Not reported
Date of most recent changes:	Not reported

RMP:

ER plan:	Not reported
ER plan most recent review date:	2017-02-27 00:00:00
ER plan most recent employee training date:	2017-04-05 00:00:00
Local agency coordinating ER plan:	Kern County Env. Health Services
Telephone of the coordinating local agency:	6615499927

TRICAL INC. (Continued) **1023713692**

Federal regulation:	True
OSHA 1910 120:	True
SPCC:	False
RCRA:	True
OPA 90:	False
EPCRA:	True
Other Regulations:	DHS CFATS 6CFR Part 27

CW781 **GREAT LAKES SOLUTION** **HWTS** **S124942066**
Target Property **1667 PURDY AVE** **N/A**
MOJAVE, CA 93501

Site 10 of 12 in cluster CW

Actual: 2674 ft.
Focus Map: 16

HWTS:

Name:	GREAT LAKES SOLUTION
Address:	1667 PURDY AVE
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
EPA ID:	CAP000268573
Inactive Date:	03/19/2017
Create Date:	11/17/2016
Last Act Date:	03/19/2017
Mailing Name:	Not reported
Mailing Address:	199 BENSON RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MIDDLEBURY, CA 06749
Owner Name:	TRICAL INC
Owner Address:	1667 PURDY AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	MOJAVE, CA 93501
Contact Name:	RAMIN ANSARI
Contact Address:	199 BENSON RD
Contact Address 2:	Not reported
City,State,Zip:	MIDDLEBURY, CA 06749

CW782 **NIKLOR CHEMICAL COMPANY, INC** **SSTS** **1009306317**
Target Property **1667 PURDY AVE** **N/A**
MOJAVE, CA 93501

Site 11 of 12 in cluster CW

Actual: 2674 ft.
Focus Map: 16

SSTS:

Name:	TRICAL, INC
Address:	1667 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Report Year:	2012
Registration Number:	11220-CA-8

Pre 2016:

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC CONC SOIL FUMIGANT (98%, RUP, TRANSFERRED, 2011)
Product Code:	Not reported
EPA Product Registration Number:	8853-2-11220
Product Type:	3 - Repackages/Relabeled
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	OSMOSE TIMBERFUME (99% CHLOROPICRIN, OK, CANCELLED 7-23-12)
Product Code:	Not reported
EPA Product Registration Number:	75341-3
Product Type:	2 - End Use Product
Product Classification:	43 - Insecticide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-BROM 98 (CHILE)
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00008
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

RUP: 2 - All Other Products

Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States
Contact Name: ROBERT WITT
Contact Title: CONTROLLER
Contact Telephone: (661) 824-2494
Contact Email: LABRAMS@TRICAL.COM
Product Name: TRI-CHLOR (CHILE)
Product Code: Not reported
EPA Product Registration Number: 011220-CF-00009
Product Type: 2 - End Use Product
Product Classification: 29 - Fumigant
Product Use: Not reported
Market Type: Foreign
Product Unit of Measure: Not reported
Region: 9
Zero Production: Not reported
RUP: 2 - All Other Products

Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States
Contact Name: ROBERT WITT
Contact Title: CONTROLLER
Contact Telephone: (661) 824-2494
Contact Email: LABRAMS@TRICAL.COM
Product Name: TRI-FORM (CHILE)
Product Code: Not reported
EPA Product Registration Number: 011220-CF-00010
Product Type: 2 - End Use Product
Product Classification: 28 - Nematocide
Product Use: Not reported
Market Type: Foreign
Product Unit of Measure: Not reported
Region: 9
Zero Production: Not reported
RUP: 2 - All Other Products

Report Year: 2013
Registration Number: 11220-CA-8

Pre 2016:
Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States
Contact Name: ROBERT WITT

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METH-O-GAS 100 Q (100% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	5485-41
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE II (INSECTI- FUNGI- NEMATI-) (RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-32
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Report Year:	2015
Registration Number:	11220-CA-8

Pre 2016:

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 33/67
Product Code:	Not reported
EPA Product Registration Number:	8536-20-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 45/55
Product Code:	Not reported
EPA Product Registration Number:	11220-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 57/43
Product Code:	Not reported
EPA Product Registration Number:	11220-4
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-FORM 80
Product Code:	Not reported
EPA Product Registration Number:	11220-36
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-FORM 80 EC
Product Code:	Not reported
EPA Product Registration Number:	11220-35
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METH-O-GAS 100
Product Code:	Not reported
EPA Product Registration Number:	5785-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METH-O-GAS Q
Product Code:	Not reported
EPA Product Registration Number:	5785-41
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METABROM 100
Product Code:	Not reported
EPA Product Registration Number:	8622-16
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METABROM Q

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Code:	Not reported
EPA Product Registration Number:	8622-55
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MEHTYL BROMIDE 100
Product Code:	Not reported
EPA Product Registration Number:	8536-15
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC PLUS FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	11220-UN-2
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 57
Product Code:	Not reported
EPA Product Registration Number:	5785-28
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 67
Product Code:	Not reported
EPA Product Registration Number:	5785-24
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 75
Product Code:	Not reported
EPA Product Registration Number:	5785-40
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 80
Product Code:	Not reported
EPA Product Registration Number:	5785-47
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 98
Product Code:	Not reported
EPA Product Registration Number:	5785-22
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE EC
Product Code:	Not reported
EPA Product Registration Number:	62719-321
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CLOR FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	58266-2-11220
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CLOR EC FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	58266-5-11220
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 50/50
Product Code:	Not reported
EPA Product Registration Number:	11220-10
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 80/20
Product Code:	Not reported
EPA Product Registration Number:	8536-1-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Name:	CHLOROFUME 500/500
Product Code:	Not reported
EPA Product Registration Number:	11220-UN-1
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE C-35
Product Code:	Not reported
EPA Product Registration Number:	62719-302
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TIMBERFUME II
Product Code:	Not reported
EPA Product Registration Number:	75340-1
Product Type:	2 - End Use Product
Product Classification:	43 - Insecticide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-BROM 98
Product Code:	Not reported
EPA Product Registration Number:	11220-UN-3
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE II
Product Code:	Not reported
EPA Product Registration Number:	62719-32
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	CHLOROPICRIN 100 FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	8536-2
Product Type:	2 - End Use Product

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	INLINE
Product Code:	Not reported
EPA Product Registration Number:	62719-348
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC CONCENTRATE
Product Code:	Not reported
EPA Product Registration Number:	11220-32
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC-33
Product Code:	Not reported
EPA Product Registration Number:	8794-2-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC-CLOR 60
Product Code:	Not reported
EPA Product Registration Number:	8536-8
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC-BROM 25
Product Code:	Not reported
EPA Product Registration Number:	8536-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Report Year:	2014
Registration Number:	11220-CA-8

Pre 2016:

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC CONCENTRATE (98% METHYL BROMIDE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-32
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC-33 (METHYL BROMIDE + 32.8% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	87994-2-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 50/50 (50% METHYL BROMIDE, 49.7% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-10
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 45/55 (45% METHLY BROMIDE, 57.% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 57/43 PREPLANT FUMIG (57.2% CH3 BR, CHLOROPICRI RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-4
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CON 80/20 (80% METHYL BR, 19.9% CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	58266-1-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI CON 33/67 (33% METHYL BROMIDE, 67% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-20-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CLOR EC FUMIGANT (94% CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	58266-5-11220
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CLOR FUMIGANT (99% CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	58266-2-11220
Product Type:	3 - Repackages/Relabeled
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC-CLOR 60 EC (37.1% TELONE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-43-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METHYL BROMIDE 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-15
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METHYL BROMIDE 98% (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-19
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC-CLOR 60 (+ 39% TELONE)
Product Code:	Not reported
EPA Product Registration Number:	8536-8

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC-BROM 25 (WITH 75% METHYL BROMIDE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	8536-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	CHLOROPICRIN 100 FUMIGANT (99%)
Product Code:	Not reported
EPA Product Registration Number:	8536-2
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE EC (93.6% 1,3-DICHLOROPROPENE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-321
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	INLINE SOIL FUMIGANT (TELONE/CHLOROPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	62719-348
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TELONE C-35 (RUP) (EST DOES CUSTOM APPLICATION)
Product Code:	Not reported
EPA Product Registration Number:	62719-302
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METABROM 100 (RUP)
Product Code:	Not reported
EPA Product Registration Number:	8622-16
Product Type:	3 - Repackages/Relabeled
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METABROM Q (RUP) (100% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	8622-55
Product Type:	3 - Repackages/Relabeled
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	OSMOSE TIMBERFUME II (98.2% CHLOROPICRIN, RTU, RUP)
Product Code:	Not reported
EPA Product Registration Number:	75340-1
Product Type:	2 - End Use Product
Product Classification:	43 - Insecticide
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METH-O-GAS 100 (100% METHYL BROMIDE, RUP)
Product Code:	Not reported
EPA Product Registration Number:	5785-11
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METH-O-GAS 100 Q (100% METHYL BROMIDE)
Product Code:	Not reported
EPA Product Registration Number:	5785-41
Product Type:	3 - Repackages/Relabeled
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 57
Product Code:	Not reported
EPA Product Registration Number:	5785-28
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 67
Product Code:	Not reported
EPA Product Registration Number:	5785-24
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 75
Product Code:	Not reported
EPA Product Registration Number:	5785-40

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 80
Product Code:	Not reported
EPA Product Registration Number:	5785-47
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TERR-O-GAS 98
Product Code:	Not reported
EPA Product Registration Number:	5785-22
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	CHLOROPICRIN TECHNICAL (99.4%)
Product Code:	Not reported
EPA Product Registration Number:	62341-15
Product Type:	1 - Technical (MUP)
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-BROM 98
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00001
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-FORM
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00002
Product Type:	2 - End Use Product
Product Classification:	28 - Nematocide
Product Use:	Not reported
Market Type:	Foreign

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-CLOR
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00003
Product Type:	2 - End Use Product
Product Classification:	27 - Fungicide
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-BROM
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00004
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-BROM 98
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00005
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	PIC PLUS SOIL FUMIGANT
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00006
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	CHLOROFUME 500-500
Product Code:	Not reported
EPA Product Registration Number:	011220-CF-00007
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Report Year: 2002
Registration Number: 007747CA001

Pre 2016:
Registration Number: 007747CA001
Name: NIKLOR CHEMICAL COMPANY, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: CHLOROPICRIN TECHNICAL
Product Code: 1
EPA Product Registration Number: 00774700001
Product Type: 1
Product Classification: 02
Product Use: 2
Market Type: 2
Product Unit of Measure: Not reported
Region: 09
Zero Production: Not reported
RUP: Not reported

Report Year: 2003
Registration Number: 007747CA001

Pre 2016:
Registration Number: 007747CA001
Name: NIKLOR CHEMICAL COMPANY, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: Not reported
Country: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Product Name: CHLOROPICRIN TECHNICAL
Product Code: 1
EPA Product Registration Number: 00774700001
Product Type: 1
Product Classification: 02
Product Use: 2
Market Type: 2
Product Unit of Measure: Not reported
Region: 09
Zero Production: Not reported
RUP: Not reported

Report Year: Not reported
Registration Number: 11220-CA-8

Report Year: 2010

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Registration Number: 11220-CA-8

Pre 2016:
Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States
Contact Name: ROBERT WITT
Contact Title: CONTROLLER
Contact Telephone: (661) 824-2494
Contact Email: LABRAMS@TRICAL.COM
Product Name: NUTRAPIC (ABN FOR TM-442) 99% CHLOROPICRIN, RUP
Product Code: Not reported
EPA Product Registration Number: 66330-47
Product Type: 2 - End Use Product
Product Classification: 43 - Insecticide
Product Use: Not reported
Market Type: USA
Product Unit of Measure: Not reported
Region: 9
Zero Production: Not reported
RUP: 1 - Restricted Use Pesticide

Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States
Contact Name: ROBERT WITT
Contact Title: CONTROLLER
Contact Telephone: (661) 824-2494
Contact Email: LABRAMS@TRICAL.COM
Product Name: PIC-PLUS FUMIGANT (+ 45% METHYL BROMIDE)
Product Code: Not reported
EPA Product Registration Number: 8853-6-11220
Product Type: 2 - End Use Product
Product Classification: 27 - Fungicide
Product Use: Not reported
Market Type: Foreign
Product Unit of Measure: Not reported
Region: 9
Zero Production: Not reported
RUP: 1 - Restricted Use Pesticide

Report Year: 2011
Registration Number: 11220-CA-8

Pre 2016:
Registration Number: 11220-CA-8
Name: TRICAL, INC
Address: 1667 PURDY AVE
Address 2: Not reported
Country Code: USA
Country: United States

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MBC-33 SOIL FUMIGANT (67% ME-BR, 33% CHLOROPICRIN RUP)
Product Code:	Not reported
EPA Product Registration Number:	8853-3-11220
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	METHYL BROMIDE 99.5% (FUNGI- HERBI- NEMATI INSECIT-)
Product Code:	Not reported
EPA Product Registration Number:	8536-12
Product Type:	3 - Repackages/Relabeled
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide

Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	TRI-FORM 35 (63.4% TELONE, 34.6% CHLORPICRIN, RUP)
Product Code:	Not reported
EPA Product Registration Number:	11220-22
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MIDAS 33:67 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-59
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MIDAS 50:50 (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-57
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Product Name:	MIDAS EC GOLD (62:33) (CHLOROPICRIN:IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-60
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MIDAS 98:2 (98% IODOMETHANE)
Product Code:	Not reported
EPA Product Registration Number:	66330-43
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA and Foreign
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8
Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	MIDAS EC BRONZE (IODOMETHANE:CHLOROPICRIN)
Product Code:	Not reported
EPA Product Registration Number:	66330-58
Product Type:	2 - End Use Product
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	1 - Restricted Use Pesticide
Registration Number:	11220-CA-8

NIKLOR CHEMICAL COMPANY, INC (Continued) **1009306317**

Name:	TRICAL, INC
Address:	1667 PURDY AVE
Address 2:	Not reported
Country Code:	USA
Country:	United States
Contact Name:	ROBERT WITT
Contact Title:	CONTROLLER
Contact Telephone:	(661) 824-2494
Contact Email:	LABRAMS@TRICAL.COM
Product Name:	IODOMETHANE (MIDAS) TECHNICAL
Product Code:	Not reported
EPA Product Registration Number:	66330-44
Product Type:	1 - Technical (MUP)
Product Classification:	29 - Fumigant
Product Use:	Not reported
Market Type:	USA
Product Unit of Measure:	Not reported
Region:	9
Zero Production:	Not reported
RUP:	2 - All Other Products

CW783 **MOJAVE ASPHALT TERMINAL** **NPDES S125494981**
Target **1673 PURDY AVE** **CIWQS N/A**
Property **MOJAVE, CA 93501**

Site 12 of 12 in cluster CW

Actual: **2674 ft.**

Focus Map: **16**

NPDES:

Name:	MOJAVE ASPHALT TERMINAL
Address:	1673 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000002
Region:	6B
Agency Number:	0
Regulatory Measure ID:	516240
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	6B15C389182
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/16/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3450 E 36th Street
Discharge Name:	Western Emulsions Inc
Discharge City:	Tucson
Discharge State:	Arizona
Discharge Zip:	85713
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

MOJAVE ASPHALT TERMINAL (Continued) **S125494981**

Name:	MOJAVE ASPHALT TERMINAL
Address:	1673 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
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:	6B15C389182
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:	01/16/2020
Operator Name:	Western Emulsions Inc
Operator Address:	3450 E 36th Street
Operator City:	Tucson
Operator State:	Arizona
Operator Zip:	85713

CIWQS:

Name:	MOJAVE ASPHALT TERMINAL
Address:	1673 PURDY AVE
City,State,Zip:	MOJAVE, CA 93501
Agency:	Western Emulsions Inc
Agency Address:	3450 E 36th Street, Tucson, AZ 85713
Place/Project Type:	Construction - Industrial
SIC/NAICS:	Not reported
Region:	6V
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	6B15C389182
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	01/16/2020
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:	35.03149
Longitude:	-118.1587

CX784 **PARAMOUNT PETROLEUM** **FINDS** **1025450675**
Target **1873 PURDY AVENUE** **N/A**
Property **MOJAVE, CA 93501**

Site 1 of 2 in cluster CX

Actual: **2677 ft.**
Focus Map: **16**

FINDS:
Registry ID: 110070521219
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070521219

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CX785 **PARAMOUNT PETROLEUM** **EMI** **S124455016**
Target **1873 PURDY AVENUE** **N/A**
Property **MOJAVE, CA 93501**

Site 2 of 2 in cluster CX

Actual: **2677 ft.**
Focus Map: **16**

EMI:

Name:	PARAMOUNT PETROLEUM
Address:	1873 PURDY AVENUE
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	4003
Air District Name:	KER
SIC Code:	2951
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.44416075956
Reactive Organic Gases Tons/Yr:	0.19586
Carbon Monoxide Emissions Tons/Yr:	2.73623
NOX - Oxides of Nitrogen Tons/Yr:	0.8971
SOX - Oxides of Sulphur Tons/Yr:	0.02002
Particulate Matter Tons/Yr:	0.26566598361
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.26565

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786 **AT AND T (CAO580)** **UST** **U003731285**
Target **HWY 58 9 MI E OF MOJAVE** **N/A**
Property **MOJAVE, CA 93501**

Actual: **2675 ft.**
Focus Map: **20**

UST:

Name:	AT AND T (CAO580)
Address:	HWY 58 9 MI E OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	FA0002991
Permitting Agency:	KERN COUNTY
Latitude:	35.02218
Longitude:	-118.021569

787 **CALTRANS #251** **MINES MRDS** **1025734316**
Target **N/A**
Property **MOJAVE, CA 93501**

Actual:
2621 ft.

Focus Map:
23

MINES MRDS:

Name:	CALTRANS #251
Address:	Not reported
Deposit identification Number:	10260424
City,State,Zip:	MOJAVE, CALIFORNIA 93501
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10260424
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060290879
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Unknown
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Unknown
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Not reported
Ore Controls:	Not reported
Reporter:	Western Field Operations Center (WFOC)
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	35.0089
Longitude:	-118.1426

788 **PRIMARY GOLD COMPANY** **ENVIROSTOR** **S101480461**
Target **1/2 MI N OF SILVER QUEEN RD (T11NR12S32)** **N/A**
Property **MOJAVE, CA 93501**

Actual:
2610 ft.

Focus Map:
23

ENVIROSTOR:

Name:	PRIMARY GOLD COMPANY
Address:	1/2 MI N OF SILVER QUEEN RD (T11NR12S32)
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	15330012
Status:	Inactive - Needs Evaluation
Status Date:	12/28/1990
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	1
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Kevin Shaddy
Division Branch:	Cleanup San Joaquin
Assembly:	36
Senate:	16
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.9996
Longitude:	-118.1455
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	15330012
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:	08/02/1990
Comments:	ON CORTESE LIST. INSPECTION(STATE) SURVEILLANCE & ENFORCEMENT INSPECTED SITE. POSSIBLE CORROSIVES WERE DUMPED INTO THE SUMP. SLAG-LIKE MATERIAL IN CONTAINERS OBSERVED IN YARD. GROUND PHOTOS. DRUMS LABELED "CORROSIVE". AREA DISCOLORED WHERE SUMP ONCE EXISTED. LACK OF VEGETATION. OPEN AND UNLABELED DRUMS. SITE SCREENING DONE. RECOMMEND PRELIMINARY ENDANGERMENT ASSESSMENT (HIGH PRIORITY) TO DETERMINE THE NATURE OF THE RELEASE.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	12/28/1990
Comments:	Abandoned Site Program Forms

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/18/1997

PRIMARY GOLD COMPANY (Continued) **S101480461**

Comments:	BLM letter received
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	07/30/1990
Comments:	SURVEILLANCE & ENFORCEMENT RECEIVED A COMPLAINT STATING WASTES WERE ABANDONED BY RENTER. COMPLAINT WAS REFERRED FROM KERN COUNTY HEALTH DEPARTMENT.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/20/1996
Comments:	DTSC Letter to BLM informing them of need for PEA and inviting their participation in the Voluntary Cleanup 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

CY789 **MITSUBISHI HEAVY INDUSTRIES** **RCRA-SQG** **1000857493**
North **6737 OAK CREEK RD UNIT B** **FINDS** **CAD983669300**
< 1/8 **MOJAVE, CA 93501** **ECHO**
0.014 mi.
74 ft. **Site 1 of 2 in cluster CY**

Actual:
3220 ft.

Focus Map:
14

RCRA-SQG:

Date form received by agency:	1993-05-11 00:00:00.0
Facility name:	MITSUBISHI HEAVY INDUSTRIES
Facility address:	6737 OAK CREEK RD UNIT B MOJAVE, CA 93501
EPA ID:	CAD983669300
Mailing address:	PO BOX 868 MOJAVE, CA 93501
Contact:	STEVE LANGE
Contact address:	6737 OAK CREEK RD UNIT B MOJAVE, CA 93501
Contact country:	US
Contact telephone:	805-824-5239
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MITSUBISHI HEAVY INDUSTRIES

MITSUBISHI HEAVY INDUSTRIES (Continued) **1000857493**

Owner/operator address: 6737 OAK CREEK RD
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 805-824-5239
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:
Registry ID: 110009551225
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009551225

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: 1000857493
Registry ID: 110009551225
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009551225
Name: MITSUBISHI HEAVY INDUSTRIES
Address: 6737 OAK CREEK RD UNIT B
City,State,Zip: MOJAVE, CA 93501

CY790 **SEA WEST TEHACHAPI** **RCRA-SQG** **1000597849**
North **6737 OAK CREEK RD** **FINDS** **CAD983618810**
< 1/8 **MOJAVE, CA 93501** **ECHO**
0.014 mi. **HAZNET**
74 ft. **Site 2 of 2 in cluster CY** **HWTS**

Actual:
3220 ft.

Focus Map:
14

RCRA-SQG:

Date form received by agency:	1992-02-11 00:00:00.0
Facility name:	SEA WEST TEHACHAPI
Facility address:	6737 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAD983618810
Mailing address:	PO BOX J MOJAVE, CA 93502
Contact:	DAVID KELLEY
Contact address:	6737 OAK CREEK RD MOJAVE, CA 93501
Contact country:	US
Contact telephone:	805-824-4681
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	SEA WEST SERVICES INC
Owner/operator address:	1455 FRAZEE RD STE 300 SAN DIEGO, CA 92108
Owner/operator country:	Not reported
Owner/operator telephone:	619-293-3340
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

SEA WEST TEHACHAPI (Continued) **1000597849**

Violation Status: No violations found

FINDS:
Registry ID: 110002868898
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002868898

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: 1000597849
Registry ID: 110002868898
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002868898
Name: SEA WEST TEHACHAPI
Address: 6737 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501

HAZNET:
Name: SEA WEST TEHACHAPI
Address: 6737 OAK CREEK RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
Contact: BERNIE WHIPPLE - ACCT
Telephone: 6618244681
Mailing Name: Not reported
Mailing Address: 7021 OAK CREEK RD

Year: 2001
Gepaid: CAD983618810
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 9.45

Year: 1999
Gepaid: CAD983618810
TSD EPA ID: CAD093459485
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: T01 - Treatment, Tank
Tons: 0.0672

Year: 1994
Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: -
Tons: 0.038

Year: 1994

SEA WEST TEHACHAPI (Continued) **1000597849**

Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.6255

Year: 1994
Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.627

Year: 1994
Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: D99 - Disposal, Other
Tons: 1.35

Year: 1994
Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 0.231

Year: 1994
Gepaid: CAD983618810
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.3336

Year: 1993
Gepaid: CAD983618810
TSD EPA ID: CAT080011059
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 1.159

Additional Info:
Year: 1999
Gen EPA ID: CAD983618810

Shipment Date: 19990525
Creation Date: 7/30/1999 0:00:00
Receipt Date: 19990527
Manifest ID: 99219633
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDF EPA ID: CAD093459485
Trans Name: Not reported
TSDF Alt EPA ID: Not reported

SEA WEST TEHACHAPI (Continued) **1000597849**

TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.0672
Waste Quantity:	16
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:	2001
Gen EPA ID:	CAD983618810
Shipment Date:	20010508
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010509
Manifest ID:	20092081
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	9.45
Waste Quantity:	2250
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:	CAD983618810
Shipment Date:	19931118
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931118
Manifest ID:	92765885
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

SEA WEST TEHACHAPI (Continued) **1000597849**

TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	1.159
Waste Quantity:	305
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:	1994
Gen EPA ID:	CAD983618810
Shipment Date:	19941006
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941006
Manifest ID:	93482936
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	D99 - Disposal, Other
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:	19940715
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940715
Manifest ID:	92770217
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	0.15

SEA WEST TEHACHAPI (Continued) **1000597849**

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:	19940708
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940713
Manifest ID:	93059138
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
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:	19940629
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940630
Manifest ID:	93059141
Trans EPA ID:	CAD983640467
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
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:	19940629

SEA WEST TEHACHAPI (Continued) **1000597849**

Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940630
Manifest ID:	93059141
Trans EPA ID:	CAD983640467
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.231
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:	19940629
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940630
Manifest ID:	93059141
Trans EPA ID:	CAD983640467
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.038
Waste Quantity:	10
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:	19940629
Creation Date:	10/16/1995 0:00:00
Receipt Date:	19940630
Manifest ID:	93059141
Trans EPA ID:	CAD983640467
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported

SEA WEST TEHACHAPI (Continued) **1000597849**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
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:	19940208
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940211
Manifest ID:	93362565
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.627
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

HWTS:

Name:	SEA WEST TEHACHAPI
Address:	6737 OAK CREEK RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
EPA ID:	CAD983618810
Inactive Date:	06/30/2001
Create Date:	02/11/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	7021 OAK CREEK RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 935010000
Owner Name:	SEA WEST SERVICES INC
Owner Address:	1455 FRAZEE RD STE 300
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN DIEGO, CA 921080000
Contact Name:	BERNIE WHIPPLE - ACCT
Contact Address:	INACTIVE PER VQ01 - BMI

SEA WEST TEHACHAPI (Continued) **1000597849**

Contact Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000

CZ791 **EDF - OASIS** **CERS HAZ WASTE** **S118234587**
North **7021 OAK CREEK RD** **CERS TANKS** **N/A**
< 1/8 **MOJAVE, CA 93501** **HAZNET**
0.015 mi. **CERS**
79 ft. **Site 1 of 6 in cluster CZ** **HWTS**

Actual:
3445 ft.

Focus Map:
13

CERS HAZ WASTE:
Name: EDF - OASIS
Address: 7021 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 114726
CERS ID: 10233967
CERS Description: Hazardous Waste Generator

Name: MOJAVE 16/17/18 LLC
Address: 7021 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 397749
CERS ID: 10235749
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: MOJAVE 16/17/18 LLC
Address: 7021 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 397749
CERS ID: 10235749
CERS Description: Aboveground Petroleum Storage

Name: EDF - OASIS
Address: 7021 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 114726
CERS ID: 10233967
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: MOJAVE 3 4 AND 5 LLC
Address: 7021 OAK CREEK RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
Contact: ROBERT LE VALLEY
Telephone: 6618248972
Mailing Name: Not reported
Mailing Address: 7021 OAK CREEK RD.

Year: 2016
Gepaid: CAL000391546
TSD EPA ID: CAD097030993
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: 0.025

EDF - OASIS (Continued) **S118234587**

Year: 2015
Gepaid: CAL000391546
TSD EPA ID: CAD097030993
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: 4.15

Year: 2015
Gepaid: CAL000391546
TSD EPA ID: CAD008252405
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.125

Year: 2015
Gepaid: CAL000391546
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05

Year: 2014
Gepaid: CAL000391546
TSD EPA ID: CAD097030993
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: 1.5025

Year: 2014
Gepaid: CAL000391546
TSD EPA ID: CAD066113465
CA Waste Code: 252 - Other still bottom waste
Disposal Method: -
Tons: 0.05

Year: 2014
Gepaid: CAL000391546
TSD EPA ID: CAD008252405
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1225

Year: 2014
Gepaid: CAL000391546
TSD EPA ID: CAD097030993
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.71

EDF - OASIS (Continued) **S118234587**

Additional Info:

Year:	2016
Gen EPA ID:	CAL000391546
Shipment Date:	20151229
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151230
Manifest ID:	013867585JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20151229
Creation Date:	10/3/2016 18:30:34
Receipt Date:	20151230
Manifest ID:	013867586JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	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:	20151102
Creation Date:	1/11/2016 22:16:14
Receipt Date:	20151104

EDF - OASIS (Continued) **S118234587**

Manifest ID:	013867502JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151102
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151111
Manifest ID:	013867505JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20150821
Creation Date:	11/4/2015 22:15:23
Receipt Date:	20150828
Manifest ID:	013868743JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES

EDF - OASIS (Continued) **S118234587**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.6375
Waste Quantity: 1275
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: 20150501
Creation Date: 11/6/2015 22:15:24
Receipt Date: 20150508
Manifest ID: 013868758JJK
Trans EPA ID: CAR000051169
Trans Name: CVC ENVIRONMENTAL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Disposal Method: 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: 20150501
Creation Date: 8/21/2015 22:15:46
Receipt Date: 20150508
Manifest ID: 013868757JJK
Trans EPA ID: CAR000051169
Trans Name: CVC ENVIRONMENTAL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.5

EDF - OASIS (Continued) **S118234587**

Waste Quantity:	1000
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:	20150206
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150218
Manifest ID:	013868055JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.4
Waste Quantity:	2800
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:	20150109
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20150115
Manifest ID:	013868836JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9625
Waste Quantity:	1925
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

EDF - OASIS (Continued) **S118234587**

Shipment Date: 20150109
Creation Date: 6/26/2015 22:15:23
Receipt Date: 20150115
Manifest ID: 013868837JJK
Trans EPA ID: CAR000051169
Trans Name: CVC ENVIRONMENTAL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 513 - Empty containers less than 30 gallons
RCRA Code: D001
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0875
Waste Quantity: 175
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: 2015
Gen EPA ID: CAL000391546

Shipment Date: 20151229
Creation Date: 5/24/2016 16:38:02
Receipt Date: 20151230
Manifest ID: 013867585JJK
Trans EPA ID: CAR000051169
Trans Name: CVC ENVIRONMENTAL INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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: 20151229
Creation Date: 10/3/2016 18:30:34
Receipt Date: 20151230

EDF - OASIS (Continued) **S118234587**

Manifest ID:	013867586JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	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:	20151102
Creation Date:	1/11/2016 22:16:14
Receipt Date:	20151104
Manifest ID:	013867502JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151102
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151111
Manifest ID:	013867505JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

EDF - OASIS (Continued) **S118234587**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20150821
Creation Date:	11/4/2015 22:15:23
Receipt Date:	20150828
Manifest ID:	013868743JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6375
Waste Quantity:	1275
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:	20150501
Creation Date:	11/6/2015 22:15:24
Receipt Date:	20150508
Manifest ID:	013868758JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05

EDF - OASIS (Continued) **S118234587**

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:	20150501
Creation Date:	8/21/2015 22:15:46
Receipt Date:	20150508
Manifest ID:	013868757JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5
Waste Quantity:	1000
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:	20150206
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150218
Manifest ID:	013868055JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.4
Waste Quantity:	2800
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

EDF - OASIS (Continued) **S118234587**

Shipment Date:	20150109
Creation Date:	3/27/2015 22:15:11
Receipt Date:	20150115
Manifest ID:	013868836JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9625
Waste Quantity:	1925
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:	20150109
Creation Date:	6/26/2015 22:15:23
Receipt Date:	20150115
Manifest ID:	013868837JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
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:	2014
Gen EPA ID:	CAL000391546

Shipment Date:	20141015
Creation Date:	3/23/2015 22:15:20
Receipt Date:	20141017

EDF - OASIS (Continued) **S118234587**

Manifest ID:	012306477JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0425
Waste Quantity:	85
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:	20141015
Creation Date:	12/26/2014 22:15:10
Receipt Date:	20141017
Manifest ID:	012306478JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3125
Waste Quantity:	625
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:	20140804
Creation Date:	2/9/2015 22:15:16
Receipt Date:	20140819
Manifest ID:	012306246JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

EDF - OASIS (Continued) **S118234587**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	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:	20140804
Creation Date:	10/17/2014 22:15:06
Receipt Date:	20140819
Manifest ID:	012306245JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
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:	20140522
Creation Date:	7/24/2014 22:15:06
Receipt Date:	20140606
Manifest ID:	012306089JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.34

EDF - OASIS (Continued) **S118234587**

Waste Quantity:	680
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:	20140428
Creation Date:	11/3/2014 22:14:33
Receipt Date:	20140430
Manifest ID:	004270539SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD066113465
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	252 - Oher still bottom waste 261 Polychlorinated biphenyls and material containing PCBs
RCRA Code:	D008
Disposal Method:	- Not reported
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140321
Creation Date:	5/24/2014 22:15:06
Receipt Date:	20140328
Manifest ID:	012305349JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.71
Waste Quantity:	1420
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

EDF - OASIS (Continued) **S118234587**

Shipment Date:	20140319
Creation Date:	8/14/2014 22:15:24
Receipt Date:	20140320
Manifest ID:	012305350JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	513 - Empty containers less than 30 gallons
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
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:	20140206
Creation Date:	4/1/2014 22:15:03
Receipt Date:	20140218
Manifest ID:	012305159JJK
Trans EPA ID:	CAR000051169
Trans Name:	CVC ENVIRONMENTAL INC
Trans 2 EPA ID:	CAR000076166
Trans 2 Name:	QUALITY TRANSPORTATION
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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

CERS:

Name:	MOJAVE 16/17/18 LLC
Address:	7021 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	397749
CERS ID:	10235749
CERS Description:	Chemical Storage Facilities

EDF - OASIS (Continued) **S118234587**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-19-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Revise the Kern County Environmental Health phone number on the Contingency Plan and submit in CERS.
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown

EDF - OASIS (Continued) **S118234587**

Eval Date: 02-19-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 397749
Facility Name: MOJAVE 16/17/18 LLC
Env Int Type Code: APSA
Program ID: 10235749
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 35.038560
Longitude: -118.257180

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: CAROLYN WILES
Entity Title: Not reported
Affiliation Address: 7021 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 7021 OAK CREEK RD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301-2370
Affiliation Phone: (661) 862-8740

Affiliation Type Desc: Document Preparer
Entity Name: Carolyn Wiles
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

EDF - OASIS (Continued) **S118234587**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Carolyn WIles
Entity Title: Supervisor
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: MOJAVE 16/17/18 LLC
Entity Title: Not reported
Affiliation Address: 7021 Oak Creek Road
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93501
Affiliation Phone: (661) 822-2400

Affiliation Type Desc: Operator
Entity Name: CAROLYN WILES
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: (661) 822-2495

Affiliation Type Desc: Parent Corporation
Entity Name: TERRA-GEN OPERATING CO, LLC Kern County
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: Not reported

Name: EDF - OASIS
Address: 7021 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 114726
CERS ID: 10233967
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 114726
Site Name: EDF - Oasis
Violation Date: 05-08-2014
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description: Failure to include adequate emergency response procedures in the

EDF - OASIS (Continued) **S118234587**

	business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 09/02/2014. Emergency Response/Contingency Plan has not been uploaded in CERS. Please upload document and submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	114726
Site Name:	EDF - Oasis
Violation Date:	05-08-2014
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 09/02/2014. Site Map that has been uploaded in CERS is not adequate. Site Map should contain the following: North orientation, internal roads, adjacent streets, access and exit points, emergency shut offs, evacuation staging area, hazardous material and hazardous waste handling and storage areas and emergency response equipment. Once teh site map has been completed, upload the document in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	114726
Site Name:	EDF - Oasis
Violation Date:	05-08-2014
Citation:	HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description:	Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled.
Violation Notes:	Returned to compliance on 09/02/2014. Employee training plan was not included in the initial submittal. Upload the training plan and submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	114726
Site Name:	EDF - Oasis
Violation Date:	05-08-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 09/02/2014. The Hazardous Materials inventory is not accurate. Add the following items: OASIS CONEX #1: 330 gallons of Castrol Gear Oil, 440 gallons of Mobil 632 Gear Oil, three (3) 55 gallon drums of various waste (pigmats/socks, hoses and aerosol cans) and revise the quantity of Used Oil from 220 gallons to 275. OASIS CONEX #2: 220 gallons of Daphene 320F, 220 gallons of Mobil 320. DIF 6 SHOP: Add one (1) 55 gallon drum for Drained Used Oil Filters, four (4) 55 gallon drums of waste pigmats, spent fluorescent bulbs, batteries, 1000 cubic feet of Oxygen, revise the quantity of

EDF - OASIS (Continued) **S118234587**

Acetylene from 250 cubic feet to 530 cubic feet, Nitrogen from 255 cubic feet to 1900 cubic feet. WAREHOUSE: Add 565 gallons of Mobil Hydraulic Oil. Revise the inventory and submit in the California Environmental Reporting System (CERS).
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Manager of Operations was not in the office. I left my card with an employee in the office. Will need to schedule the inspection.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-21-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Manager of Operations was not in the office. I left my card with an employee in the office. Will need to schedule the inspection.
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

EDF - OASIS (Continued) **S118234587**

Eval Date: 06-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-05-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 114726
Site Name: EDF - Oasis
Site Address: 7021 OAK CREEK RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 05-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 114726
Facility Name: EDF - Oasis
Env Int Type Code: HWG
Program ID: 10233967
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 35.038560
Longitude: -118.257180

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: EDF Renewable Energy
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

EDF - OASIS (Continued) **S118234587**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301-2370
Affiliation Phone: (661) 862-8740

Affiliation Type Desc: Legal Owner
Entity Name: EDF-RE
Entity Title: Not reported
Affiliation Address: 7021 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93501
Affiliation Phone: (661) 584-2120

Affiliation Type Desc: Operator
Entity Name: EDF Renewable Services
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: (661) 584-2123

Affiliation Type Desc: Document Preparer
Entity Name: Jody Farland
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: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 7021 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Darin Rouse

EDF - OASIS (Continued) **S118234587**

Entity Title:	Not reported
Affiliation Address:	17298 Commerce Way
Affiliation City:	Tracy
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95377
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jody Farland
Entity Title:	Area Administrative Asst.
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	MOJAVE 3 4 AND 5 LLC
Address:	7021 OAK CREEK RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
EPA ID:	CAL000391546
Inactive Date:	06/30/2016
Create Date:	11/22/2013
Last Act Date:	01/12/2017
Mailing Name:	Not reported
Mailing Address:	7021 OAK CREEK RD.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MOJAVE, CA 935010000
Owner Name:	MOJAVE 3 4 AND 5 LLC
Owner Address:	7021 OAK CREEK RD
Owner Address 2:	Not reported
Owner City,State,Zip:	MOJAVE, CA 935010000
Contact Name:	ROBERT LE VALLEY
Contact Address:	7021 OAK CREEK RD.
Contact Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501

NAICS:

EPA ID:	CAL000391546
Create Date:	2013-11-22 10:49:47
NAICS Code:	221122
NAICS Description:	Electric Power Distribution
Issued EPA ID Date:	2013-11-22 10:49:47
Inactive Date:	2016-06-30 00:00:00
Facility Name:	MOJAVE 3 4 AND 5 LLC
Facility Address:	7021 OAK CREEK RD
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	935010000

CZ792 **MOJAVE 16/17/18 LLC** **AST** **A100338591**
North **7021 OAK CREEK** **N/A**
< 1/8 **MOJAVE, CA**
0.015 mi.
79 ft. **Site 2 of 6 in cluster CZ**

Actual:
3445 ft.

Focus Map:
13

AST:

Name:	MOJAVE 16/17/18 LLC
Address:	7021 OAK CREEK
City/Zip:	MOJAVE,
Certified Unified Program Agencies:	Kern
Owner:	MOJAVE 16/17/18 LLC
Total Gallons:	1,880
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

CZ793 **MOJAVE 16/17/18 LLC** **AST** **A100422476**
North **7021 OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.015 mi.
79 ft. **Site 3 of 6 in cluster CZ**

Actual:
3445 ft.

Focus Map:
13

AST:

Name:	MOJAVE 16/17/18 LLC
Address:	7021 OAK CREEK RD
City/Zip:	MOJAVE,93501
Certified Unified Program Agencies:	Not reported
Owner:	MOJAVE 16/17/18 LLC
Total Gallons:	Not reported
CERSID:	10235749
Facility ID:	Not reported
Business Name:	MOJAVE 16/17/18 LLC
Phone:	(661) 824-8972 24
Fax:	661 824-8974
Mailing Address:	7021 OAK CREEK RD
Mailing Address City:	MOJAVE
Mailing Address State:	CA
Mailing Address Zip Code:	93501

MOJAVE 16/17/18 LLC (Continued) **A100422476**

Operator Name:	ROBIN JACKSON
Operator Phone:	661 824-3712
Owner Phone:	(661) 824-8972 35
Owner Mail Address:	7021 OAK CREEK RD
Owner State:	CA
Owner Zip Code:	93501
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:	CAL000213873

CZ794 **EDF - OASIS** **AST** **A100419713**
North **7021 OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.015 mi.
79 ft. **Site 4 of 6 in cluster CZ**

Actual:
3445 ft.

Focus Map:
13

AST:

Name:	EDF - OASIS
Address:	7021 OAK CREEK RD
City/Zip:	MOJAVE,93501
Certified Unified Program Agencies:	Not reported
Owner:	EDF-RE
Total Gallons:	Not reported
CERSID:	10233967
Facility ID:	Not reported
Business Name:	EDF Renewable Energy
Phone:	(661) 584-2123
Fax:	(661) 584-2131
Mailing Address:	7021 OAK CREEK ROAD
Mailing Address City:	MOJAVE
Mailing Address State:	CA
Mailing Address Zip Code:	93501
Operator Name:	EDF Renewable Services
Operator Phone:	(661) 584-2123
Owner Phone:	(661) 584-2120
Owner Mail Address:	7021 OAK CREEK ROAD
Owner State:	CA
Owner Zip Code:	93501
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:	CAL000292939

CZ795 **OASIS POWER PARTNERS** **RCRA NonGen / NLR** **1024811035**
North **7021 OAK CREEK RD** **CAL000292939**
< 1/8 **MOJAVE, CA 93501**
0.015 mi.
79 ft. **Site 5 of 6 in cluster CZ**

Actual:
3445 ft.

Focus Map:
13

RCRA NonGen / NLR:

Date form received by agency:	2005-04-07 00:00:00.0
Facility name:	OASIS POWER PARTNERS
Facility address:	7021 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAL000292939
Mailing address:	200 EAST 7TH STREET SUITE 414 LOVELAND, CO 80537-0000
Contact:	JAMES FLORES
Contact address:	200 EAST 7TH STREET SUITE 414 LOVELAND, CO 80537
Contact country:	Not reported
Contact telephone:	970-397-7021
Contact email:	JAMES.FLORES@EDF-RE.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EDF RENEWABLE ENERGY
Owner/operator address:	15445 INNOVATION DRIVE SAN DIEGO, CA 92128
Owner/operator country:	Not reported
Owner/operator telephone:	209-836-1921
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JAMES FLORES
Owner/operator address:	200 EAST 7TH STREET SUITE 414 LOVELAND, CO 80537
Owner/operator country:	Not reported
Owner/operator telephone:	970-397-7021
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No

OASIS POWER PARTNERS (Continued) **1024811035**

Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

CZ796 **EDF-OASIS** **RCRA NonGen / NLR** **1024797005**
North **7021 OAK CREEK RD** **CAL000181430**
< 1/8 **MOJAVE, CA 93501**
0.015 mi.
79 ft. **Site 6 of 6 in cluster CZ**

Actual:
3445 ft.

Focus Map:
13

RCRA NonGen / NLR:

Date form received by agency:	1996-06-18 00:00:00.0
Facility name:	EDF-OASIS
Facility address:	7021 OAK CREEK RD MOJAVE, CA 93501-7723
EPA ID:	CAL000181430
Mailing address:	200 EAST 7TH STREET SUITE 414 LOVELAND, CO 80537-0000
Contact:	DALE WHINERY
Contact address:	7021 OAK CREEK RD MOJAVE, CA 93501-7723
Contact country:	Not reported
Contact telephone:	970-397-7021
Contact email:	DALE.WHINERY@EDF-RE.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DALE WHINERY
Owner/operator address:	7021 OAK CREEK RD MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	970-397-7021
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	EDF RENEWABLE ENERGY
Owner/operator address:	15445 INNOVATION DRIVE SAN DIEGO, CA 92128
Owner/operator country:	Not reported
Owner/operator telephone:	209-836-1921
Owner/operator email:	Not reported

EDF-OASIS (Continued) **1024797005**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DA797 **TERRA-GEN OPERATING CO., LLC** **AST** **A100425185**
SSW **8560 A OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.017 mi.
89 ft. **Site 1 of 2 in cluster DA**

Actual:
3446 ft.

Focus Map:
13

AST:
Name: TERRA-GEN OPERATING CO., LLC
Address: 8560 A OAK CREEK RD
City/Zip: MOJAVE,93501
Certified Unified Program Agencies: Not reported
Owner: Terra-Gen Operating Co., LLC
Total Gallons: Not reported
CERSID: 10238119
Facility ID: Not reported
Business Name: TERRA-GEN OPERATING CO., LLC
Phone: 661-822-2440
Fax: 661-822-2410
Mailing Address: 8560 A Oak Creek Road
Mailing Address City: Mojave
Mailing Address State: CA
Mailing Address Zip Code: 93501
Operator Name: Terra-Gen Operating Co., LLC
Operator Phone: 661-822-2400
Owner Phone: 661-822-2400
Owner Mail Address: 8560 A OAK CREEK RD
Owner State: CA
Owner Zip Code: 93501
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: 8560 A OAK CREEK RD

TERRA-GEN OPERATING CO., LLC (Continued) **A100425185**

Property Owner City:	MOJAVE
Property Owner Stat :	CA
Property Owner Zip Code:	93501
Property Owner Country:	United States
EPAID:	CAL000362249

DA798 **ALTA WIND II, LLC** **CERS HAZ WASTE** **S123516437**
SSW **8560 A OAK CREEK RD** **CERS TANKS** **N/A**
< 1/8 **MOJAVE, CA 93501** **CERS**
0.017 mi.
89 ft. **Site 2 of 2 in cluster DA**

Actual:
3446 ft.

Focus Map:
13

CERS HAZ WASTE:

Name:	ALTA WIND II, LLC
Address:	8560 A OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	403639
CERS ID:	10238119
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	ALTA WIND II, LLC
Address:	8560 A OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	403639
CERS ID:	10238119
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	ALTA WIND II, LLC
Address:	8560 A OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	403639
CERS ID:	10238119
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	403639
Site Name:	Alta Wind II, LLC
Violation Date:	07-23-2014
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 05/13/2015. The hazardous materials inventory is not accurate. Please add 110 gallons of antifreeze and all waste stream items to the inventory. Revise inventory and submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-17-2017
Violations Found:	No

ALTA WIND II, LLC (Continued) **S123516437**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department

ALTA WIND II, LLC (Continued) **S123516437**

Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 403639
Site Name: Alta Wind II, LLC
Site Address: 8560 A OAK CREEK RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 07-23-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Kristin Thurman
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: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Alta Wind II, 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: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301-2370
Affiliation Phone: (661) 862-8740

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 8560 Oak Creek Road
Affiliation City: Mojave
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501

ALTA WIND II, LLC (Continued) **S123516437**

Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Kristin Thurman
Entity Title: Environmental Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Alta Wind II, 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: (661) 822-2958

Affiliation Type Desc: Environmental Contact
Entity Name: Kristin Thurman
Entity Title: Not reported
Affiliation Address: 8560 Oak Creek Road
Affiliation City: Mojave
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Alta Wind II, LLC
Entity Title: Not reported
Affiliation Address: 8560 A OAK CREEK RD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93501
Affiliation Phone: (661) 822-2958

DB799 **AT&T CORP. - SA145** **CERS HAZ WASTE** **S123520851**
South **6201 E HIGHWAY 58** **CERS TANKS** **N/A**
< 1/8 **CALIFORNIA CITY, CA 93505** **CERS**
0.017 mi.
90 ft. **Site 1 of 3 in cluster DB**

Actual:
2620 ft.

Focus Map:
20

CERS HAZ WASTE:
Name: AT&T CORP. - SA145
Address: 6201 E HIGHWAY 58
City,State,Zip: CALIFORNIA CITY, CA 93505
Site ID: 435041
CERS ID: 10022251
CERS Description: Hazardous Waste Generator

AT&T CORP. - SA145 (Continued) **S123520851**

CERS TANKS:
- Name: AT&T CORP. - SA145
- Address: 6201 E HIGHWAY 58
- City,State,Zip: CALIFORNIA CITY, CA 93505
- Site ID: 435041
- CERS ID: 10022251
- CERS Description: Aboveground Petroleum Storage

CERS:
- Name: AT&T CORP. - SA145
- Address: 6201 E HIGHWAY 58
- City,State,Zip: CALIFORNIA CITY, CA 93505
- Site ID: 435041
- CERS ID: 10022251
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 435041
- Site Name: AT&T Corp. - SA145
- Violation Date: 02-11-2014
- Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
- Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
- Violation Notes: Returned to compliance on 04/28/2014. The hazardous materials inventory is not complete. Add the following items to the inventory: One (1) 250 gallon tank of Motor Oil, one (1) 250 gallon tank of Used Oil, one (1) 55 gallon drum of Waste Antifreeze, one, (1) 55 gallon drum for Drained Used Oil Filters, and one (1) 30 gallon drum for Waste absorbent material. Please revise the inventory and submit on teh California Environmental Reporting System (CERS).
- Violation Division: Kern County Env Health Services Department
- Violation Program: HMRRP
- Violation Source: CERS

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 01-26-2017
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Kern County Env Health Services Department
- Eval Program: APSA
- Eval Source: CERS

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 02-11-2014
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Kern County Env Health Services Department
- Eval Program: HW
- Eval Source: CERS

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 02-11-2014

AT&T CORP. - SA145 (Continued) **S123520851**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	435041
Site Name:	AT&T Corp. - SA145
Site Address:	6201 E HIGHWAY 58
Site City:	CALIFORNIA CITY
Site Zip:	93505
Enf Action Date:	02-11-2014
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Kern County Env Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Peter Burnell, Sigma Consultants, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AT&T CORP. - SA145 (Continued) **S123520851**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Jeremy McGrue
Entity Title: National EPCRA Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: AT&T Corp.
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75202
Affiliation Phone: (214) 464-1712

Affiliation Type Desc: Operator
Entity Name: AT&T 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: (800) 566-9347

Affiliation Type Desc: Environmental Contact
Entity Name: AT&T EH&S Hotline - Option #1
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75202
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: AT&T 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: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300

AT&T CORP. - SA145 (Continued) **S123520851**

Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	308 S. Akard St., 17th Floor
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75202
Affiliation Phone:	Not reported

DB800 **AT&T CORP. - SA145** **UST** **U004261725**
South **6201 E HIGHWAY 58** **N/A**
< 1/8 **CALIFORNIA CITY, CA 93505**
0.017 mi.
90 ft. **Site 2 of 3 in cluster DB**

Actual:
2620 ft.

Focus Map:
20

UST:

Name:	AT&T CORP. - SA145
Address:	6201 E HIGHWAY 58
City,State,Zip:	CALIFORNIA CITY, CA 93505
Facility ID:	15-010-002991
Permitting Agency:	Kern County Environmental Health Services Department
Latitude:	35.020735
Longitude:	-118.027911

KERN CO. UST:

Name:	AT&T CORP. - SA145
Address:	6201 E HIGHWAY 58
City:	CALIFORNIA CITY
Region:	Kern
Facility ID:	FA0002991
CERSID:	10022251
Owner Id:	Not reported
Owner Name:	Not reported
Tank Num:	A
Tank Capacity:	25,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	11/01/1994
Date of Closure:	10/27/1994
Billing Status:	Inactive, non-billable
Mailing Address:	308 S. Akard St., 17th Floor
Mailing Address (care of):	AT&T Corp.
Mailing City/State/Zip:	Dallas, CA 93505
Tank Num:	B
Tank Capacity:	25,000

AT&T CORP. - SA145 (Continued) **U004261725**

Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	11/01/1994
Date of Closure:	10/31/1994
Billing Status:	Inactive, non-billable
Mailing Address:	308 S. Akard St., 17th Floor
Mailing Address (care of):	AT&T Corp.
Mailing City/State/Zip:	Dallas, CA 93505

Tank Num:	C
Tank Capacity:	25,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	11/01/1994
Date of Closure:	10/31/1994
Billing Status:	Inactive, non-billable
Mailing Address:	308 S. Akard St., 17th Floor
Mailing Address (care of):	AT&T Corp.
Mailing City/State/Zip:	Dallas, CA 93505

Tank Num:	D
Tank Capacity:	25,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	11/01/1994
Date of Closure:	10/31/1994
Billing Status:	Inactive, non-billable
Mailing Address:	308 S. Akard St., 17th Floor
Mailing Address (care of):	AT&T Corp.
Mailing City/State/Zip:	Dallas, CA 93505

Tank Num:	SA145U001
Tank Capacity:	8,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	1
Install Date:	11/01/1994
Date of Closure:	01/09/2013
Billing Status:	Inactive, non-billable
Mailing Address:	308 S. Akard St., 17th Floor
Mailing Address (care of):	AT&T Corp.
Mailing City/State/Zip:	Dallas, CA 93505

DB801 **AT&T CORP - SA145** **AST** **A100417340**
South **6201 E HIGHWAY 58** **N/A**
< 1/8 **CALIFORNIA CITY, CA 93505**
0.017 mi.
90 ft. **Site 3 of 3 in cluster DB**

Actual:
2620 ft.

Focus Map:
20

AST:

Name:	AT&T CORP - SA145
Address:	6201 E HIGHWAY 58
City/Zip:	CALIFORNIA CITY,93505
Certified Unified Program Agencies:	Not reported
Owner:	AT&T Corp.
Total Gallons:	Not reported
CERSID:	10022251
Facility ID:	15-010-002991
Business Name:	AT&T Corporation
Phone:	661-327-6903
Fax:	925-973-0584
Mailing Address:	308 S. Akard Street, Room 1708
Mailing Address City:	Dallas
Mailing Address State:	TX
Mailing Address Zip Code:	75202
Operator Name:	AT&T Corp.
Operator Phone:	661-327-6903
Owner Phone:	214-464-2626
Owner Mail Address:	308 S. Akard Street, Room 1708
Owner State:	TX
Owner Zip Code:	75202
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:	CAL000351893

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802 **VOYAGER WIND II/III/IV 852** **RCRA NonGen / NLR** **1024868358**
North **8009 OAK CREEK RD** **CAL000436961**
< 1/8 **MOJAVE, CA 93501**
0.019 mi.
98 ft.

Actual:
3486 ft.

Focus Map:
13

RCRA NonGen / NLR:

Date form received by agency:	2018-06-15 00:00:00.0
Facility name:	VOYAGER WIND II/III/IV 852
Facility address:	8009 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAL000436961
Contact:	CHARLES TATUM
Contact address:	8009 OAK CREEK RD MOJAVE, CA 93501
Contact country:	Not reported
Contact telephone:	320-333-7073
Contact email:	CTATUM@BLATTNERENERGY.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

VOYAGER WIND II/III/IV 852 (Continued) **1024868358**

Owner/Operator Summary:

Owner/operator name:	BLATTNER ENERGY INC
Owner/operator address:	392 CO RD 50 AVON, MN 56310
Owner/operator country:	Not reported
Owner/operator telephone:	320-356-7351
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CHARLES TATUM
Owner/operator address:	8009 OAK CREEK RD MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	320-333-7073
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

DC803 **HYUNDAI KIA MOTORS** **CERS HAZ WASTE** **S123515684**
SSE **5759 HIGHWAY 58** **CERS TANKS** **N/A**
< 1/8 **CALIFORNIA CITY, CA 93505** **CERS**
0.019 mi.
101 ft. **Site 1 of 4 in cluster DC**

Actual:
2581 ft.

Focus Map:
20

CERS HAZ WASTE:

Name:	HYUNDAI KIA MOTORS
Address:	5759 HIGHWAY 58
City,State,Zip:	CALIFORNIA CITY, CA 93505
Site ID:	394975
CERS ID:	10237102

HYUNDAI KIA MOTORS (Continued) **S123515684**

CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: HYUNDAI KIA MOTORS
Address: 5759 HIGHWAY 58
City,State,Zip: CALIFORNIA CITY, CA 93505
Site ID: 394975
CERS ID: 10237102
CERS Description: Aboveground Petroleum Storage

CERS:
Name: HYUNDAI KIA MOTORS
Address: 5759 HIGHWAY 58
City,State,Zip: CALIFORNIA CITY, CA 93505
Site ID: 394975
CERS ID: 10237102
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Violation Date: 01-08-2014
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes: Returned to compliance on 02/06/2014. Hazardous Materials inventory not complete. Add the following items to the inventory: 700 cubic ft. Argon/CO2, one (1) 55 gallon drum of waste anti-freeze, one (1) 55 gallon drum of waste fuel, one (1) 55 gallon drum of waste absorbent, and Hydrogen. Revise the following items: Oxygen from 208 cubic ft. to 250 cubic ft. and waste oil from 55 gallons to 110 gallons.Please make revisions to the inventory and submit in the California Environmental Reporting System (CERS).
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Violation Date: 01-08-2014
Citation: HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description: Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled.
Violation Notes: Returned to compliance on 02/06/2014. The operator has not submitted a copy of the Employee Training Plan into CERS. As part of the Business Plan submittal, a copy of the Employee Training Plan shall be uploaded onto CERS.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Violation Date: 01-08-2014

HYUNDAI KIA MOTORS (Continued) **S123515684**

Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 02/06/2014. The operator has not submitted an annotated site map into CERS. As part of the Business Plan submittal, an annotated site map shall be uploaded onto CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS
Violation Date:	01-08-2014
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 have a professional engineer certify and review the SPCC Plan.
Violation Notes:	Returned to compliance on 02/06/2014. The certification statement on the SPCC Plan does not includethe proper attestation per 40 CFR 112.3(d). Please have the professional engineer ammend the certification page.
Violation Division:	Kern County Env Health Services Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS
Violation Date:	01-08-2014
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 02/06/2014. The operator has not submitted a copy of the Emergency Response/Contingency Plan into CERS. As part of the Business Plan submittal, a copy of the Emergency Response/Contingency Plan shall be uploaded onto CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS
Violation Date:	01-08-2014
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 perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 02/06/2014. SPCC Plan was certified on December 16, 2008. Five (5) year review has not been completed. Please complete 5 year review and send a copy of completed review page to this department.
Violation Division:	Kern County Env Health Services Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS

HYUNDAI KIA MOTORS (Continued) **S123515684**

Violation Date:	01-08-2014
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 all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 02/06/2014. SPCC indicates that a monthly inspection of all aboveground tanks will be conducted and documented on an inspection form provided in the SPCC Plan. Please begin conducting and documenting monthly inspections. Once the next inspection is completed, provide a copy of the inspection form to this department.
Violation Division:	Kern County Env Health Services Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS
Violation Date:	12-10-2018
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 address in the SPCC Plan the type of oil and storage capacity for each fixed container, and either the type of oil and storage capacity for each mobile or portable container, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.
Violation Notes:	Returned to compliance on 01/10/2019. SPCC Plan lacking oil and waste oil Please add all fresh oil drums and waste oil drums to the SPCC plan. Once the SPCC plan has been revised please send a copy of the plan to trulovej@kerncounty.com cfor revie
Violation Division:	Kern County Env Health Services Department
Violation Program:	APSA
Violation Source:	CERS
Site ID:	394975
Site Name:	HYUNDAI KIA MOTORS
Violation Date:	03-23-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/08/2016. Facility did not submit their 2015 annual HMBP in CERS. Sent a reminder notice on February 18, 2016 and did not comply by provided deadline of March 18, 2016. Current deadline is April 8, 2016 or will pursue Administrative Enforcement Order and office hearing for non-compliance.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

HYUNDAI KIA MOTORS (Continued) **S123515684**

Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Violation Date: 12-10-2018
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 include in the SPCC plan an adequate description of employee training. Training shall address, at a minimum: operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; content of the facility SPCC plan; and annual discharge prevention briefings for oil-handling personnel to assure adequate understanding of the SPCC plan.
Violation Notes: Returned to compliance on 01/08/2019. Facility lacking training on the SPCC plan. Please provide training on the SPCC plan to all applicable employees and then send training log to trulovej@kerncounty.com
Violation Division: Kern County Env Health Services Department
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-23-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

HYUNDAI KIA MOTORS (Continued) **S123515684**

Eval Date: 12-10-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Site Address: 5759 HIGHWAY 58

HYUNDAI KIA MOTORS (Continued) **S123515684**

Site City: CALIFORNIA CITY
Site Zip: 93505
Enf Action Date: 01-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: APSA
Enf Action Source: CERS

Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Site Address: 5759 HIGHWAY 58
Site City: CALIFORNIA CITY
Site Zip: 93505
Enf Action Date: 01-08-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 394975
Site Name: HYUNDAI KIA MOTORS
Site Address: 5759 HIGHWAY 58
Site City: CALIFORNIA CITY
Site Zip: 93505
Enf Action Date: 03-23-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301-2370
Affiliation Phone: (661) 862-8740

Affiliation Type Desc: Parent Corporation
Entity Name: HYUNDAI KIA MOTORS
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: Not reported

HYUNDAI KIA MOTORS (Continued) **S123515684**

Affiliation Type Desc:	Document Preparer
Entity Name:	Matt Seare
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:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	MATT SEARE
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 2586
Affiliation City:	CALIFORNIA CITY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93505
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 2586
Affiliation City:	CALIFORNIA CITY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93504
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	MATT SEARE
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:	(949) 701-2094

Affiliation Type Desc:	Legal Owner
Entity Name:	HYUNDAI KIA MOTORS
Entity Title:	Not reported
Affiliation Address:	6800 GEDDES RD
Affiliation City:	SUPERIOR TOWNSHIP
Affiliation State:	MI
Affiliation Country:	United States
Affiliation Zip:	48198
Affiliation Phone:	(734) 337-2500

Affiliation Type Desc:	Identification Signer
Entity Name:	MATT SEARE
Entity Title:	PROVING GROUND MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

HYUNDAI KIA MOTORS (Continued) **S123515684**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

DC804 **HYUNDAI KIA MOTORS** **AST** **A100339136**
SSE **5759 HWY 58** **N/A**
< 1/8 **CALIFORNIA CITY, CA**
0.019 mi.
101 ft. **Site 2 of 4 in cluster DC**

Actual: AST:
2581 ft.
Name: HYUNDAI KIA MOTORS
Focus Map: Address: 5759 HWY 58
20 City/Zip: CALIFORNIA CITY,
Certified Unified Program Agencies: Kern
Owner: HYUNDAI KIA MOTORS
Total Gallons: 15,055
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

DC805 **HYUNDAI KIA MOTORS** **AST** **A100420919**
SSE **5759 HIGHWAY 58** **N/A**
< 1/8 **CALIFORNIA CITY, CA 93505**
0.019 mi.
101 ft. **Site 3 of 4 in cluster DC**

Actual: AST:
2581 ft.
Name: HYUNDAI KIA MOTORS
Focus Map: Address: 5759 HIGHWAY 58
20 City/Zip: CALIFORNIA CITY,93505
Certified Unified Program Agencies: Not reported
Owner: HYUNDAI KIA MOTORS
Total Gallons: Not reported
CERSID: 10237102

HYUNDAI KIA MOTORS (Continued) **A100420919**

Facility ID:	Not reported
Business Name:	HYUNDAI KIA MOTORS
Phone:	(949) 790-5510
Fax:	(760) 284-9180
Mailing Address:	PO BOX 2586
Mailing Address City:	CALIFORNIA CITY
Mailing Address State:	CA
Mailing Address Zip Code:	93504
Operator Name:	MATT SEARE
Operator Phone:	(949) 701-2094
Owner Phone:	(734) 337-2500
Owner Mail Address:	6800 GEDDES RD
Owner State:	MI
Owner Zip Code:	48198
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:	CAL000292891

DC806 **HYUNDAI-KIA CALIFORNIA PROVING GROUNDS** **RCRA NonGen / NLR** **1024811025**
SSE **5759 HIGHWAY 58** **CAL000292891**
< 1/8 **CALIFORNIA CITY, CA 93505**
0.019 mi.
101 ft. **Site 4 of 4 in cluster DC**

Actual:
2581 ft.

Focus Map:
20

RCRA NonGen / NLR:

Date form received by agency:	2005-04-07 00:00:00.0
Facility name:	HYUNDAI-KIA CALIFORNIA PROVING GROUNDS
Facility address:	5759 HIGHWAY 58 CALIFORNIA CITY, CA 93505
EPA ID:	CAL000292891
Mailing address:	PO BOX 2586 5759 HIGHWAY 58 CALIFORNIA CITY, CA 93504-0000
Contact:	MATTHEW SEARE
Contact address:	PO BOX 2586 5759 HIGHWAY 58 CALIFORNIA CITY, CA 93504
Contact country:	Not reported
Contact telephone:	949-790-5510
Contact email:	MSEARE@HATCI.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MATTHEW SEARE
Owner/operator address:	PO BOX 2586 5759 HIGHWAY 58 CALIFORNIA CITY, CA 93504
Owner/operator country:	Not reported
Owner/operator telephone:	949-790-5510
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

HYUNDAI-KIA CALIFORNIA PROVING GROUNDS (Continued) **1024811025**

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HYUNDAI-KIA AMERICA TECH CTR
Owner/operator address: 6800 GEDDES RD
SUPERIOR TOWNSHIP, MI 48198
Owner/operator country: Not reported
Owner/operator telephone: 734-337-9499
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DD807 **CITY SERV ONSITE LDFL** **SEMS-ARCHIVE** **1003878366**
West **12701 UNITED ST** **CAD072265184**
< 1/8 **MOJAVE, CA 93501**
0.020 mi.
107 ft. **Site 1 of 2 in cluster DD**

Actual:
2624 ft.

Focus Map:
23

SEMS Archive:
Site ID: 0901561
EPA ID: CAD072265184
Name: CITY SERV ONSITE LDFL
Address: 12701 UNITED ST
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
Cong District: 18
FIPS Code: 06029
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

CITY SERV ONSITE LDFL (Continued) **1003878366**

Site ID: 0901561
EPA ID: CAD072265184
Site Name: CITY SERV ONSITE LDFL
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1991-07-05 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901561
EPA ID: CAD072265184
Site Name: CITY SERV ONSITE LDFL
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1980-04-01 05:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901561
EPA ID: CAD072265184
Site Name: CITY SERV ONSITE LDFL
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1991-07-05 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901561
EPA ID: CAD072265184
Site Name: CITY SERV ONSITE LDFL
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-11-01 05:00:00
Finish Date: 1979-11-01 05:00:00
Qual: Not reported

CITY SERV ONSITE LDFL (Continued) **1003878366**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901561
EPA ID:	CAD072265184
Site Name:	CITY SERV ONSITE LDFL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	Not reported
Finish Date:	1990-01-29 05:00:00
Qual:	L
Current Action Lead:	St Perf

DD808 **COLUMBIAN CHEMICAL COMPANY** **ENVIROSTOR** **S100184853**
West **12701 UNITED STREET** **SWF/LF** **N/A**
< 1/8 **MOJAVE, CA 93501** **LDS**
0.020 mi. **CERS**
107 ft. **Site 2 of 2 in cluster DD**

Actual:
2624 ft.

Focus Map:
23

ENVIROSTOR:

Name:	COLUMBIAN CHEMICAL COMPANY
Address:	12701 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	15280063
Status:	Refer: RWQCB
Status Date:	06/23/1994
Site Code:	100368
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:	Steven Becker
Division Branch:	Cleanup Sacramento
Assembly:	36
Senate:	16
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	35.01203
Longitude:	-118.1500
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HYDROCARBON SOLVENTS * CONTAMINATED SOIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	COLUMBIA CHEMICAL COMPANY
Alias Type:	Alternate Name
Alias Name:	CAD982004921
Alias Type:	HWTS Identification Code

COLUMBIAN CHEMICAL COMPANY (Continued) **S100184853**

Alias Name: 100368
Alias Type: Project Code (Site Code)
Alias Name: 15280063
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: 06/23/1992
Comments: Site screening completed. EPA completed a Site Inspection June 1991 and recommends no further action under CERCLA. The RWQCB is requiring a closure plan for the facility and is lead agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Recommend hazard ranking.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/09/1980
Comments: Facility identified via Wade's Questionnaire.

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

SWF/LF (SWIS):
Name: COLUMBIAN CHEMICALS CO. DISPOSAL SITE
Address: 12701 UNITED STREET
City,State,Zip: MOJAVE, CA
Facility ID: 15-CR-0090
Lat/Long: 35.00656 / -118.1572
Owner Name: Columbian Chemicals Company
Owner Telephone: 7709515747
Owner Address: Not reported
Owner Address2: 1600 Parkwood Circle, Suite 400
Owner City,St,Zip: Atlanta, GA 30339
Operational Status: Closed
Operator: Columbian Chemicals Company
Operator Phone: 7709515747
Operator Address: Not reported
Operator Address2: 1600 Parkwood Circle, Suite 400
Operator City,St,Zip: Atlanta, GA 30339
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: $0.00
Activity: Solid Waste Disposal Site

COLUMBIAN CHEMICAL COMPANY (Continued) **S100184853**

Regulation Status: Unpermitted
Landuse Name: Not reported
GIS Source: GPS
Category: Disposal
Unit Number: 01
Inspection Frequency: Annual
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: $0.00
SWIS Num: 15-CR-0090
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported
Lat/Long: 35.00656 / -118.1572

LDS:
Name: MOJAVE PLANT NO 55
Address: 12701 UNITED STREET
City,State,Zip: MOJAVE, CA 93501

Global Id: L10001220608
Latitude: 35.00405
Longitude: -118.1567
Case Type: Land Disposal Site
Status: Completed - Case Closed
Status Date: 04/07/2014
Lead Agency: LAHONTAN RWQCB (REGION 6V)
Caseworker: JMZ
Local Agency: Not reported
RB Case Number: 6B152087001
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Sediments
EDR Link ID: L10001220608
Potential Contaminants of Concern: Not reported
Site History: WDRs recinded on 06/19/2013; land use restriction in place for former surface impoundment area

Click here to access the California GeoTracker records for this facility:

CERS:
Name: COLUMBIAN CHEMICALS CO. DISPOSAL SITE
Address: 12701 UNITED STREET
City,State,Zip: MOJAVE, CA
Site ID: 507947
CERS ID: 15-CR-0090
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: Columbian Chemicals Company

COLUMBIAN CHEMICAL COMPANY (Continued) **S100184853**

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Atlanta
Affiliation State: GA
Affiliation Country: Not reported
Affiliation Zip: 30339
Affiliation Phone: 7709515747

Affiliation Type Desc: Legal Owner
Entity Name: Columbian Chemicals Company
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Atlanta
Affiliation State: GA
Affiliation Country: Not reported
Affiliation Zip: 30339
Affiliation Phone: 7709515747

Name: MOJAVE PLANT NO 55
Address: 12701 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Site ID: 189313
CERS ID: L10001220608
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Jan M. Zimmerman - LAHONTAN RWQCB (REGION 6V)
Entity Title: Not reported
Affiliation Address: 15095 Armagosa Road, Building 2, Suite 210
Affiliation City: Victorville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7602417376

DE809 **PURDY COMPANY** **HIST Cal-Sites** **S101272729**
West **12901 UNITED ROAD** **CERS** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.022 mi.
116 ft. **Site 1 of 5 in cluster DE**

Actual:
2637 ft.

Focus Map:
23

Calsite:
Name: PURDY COMPANY
Address: 12901 UNITED ROAD
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15330010
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 02281997
Status: CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES

PURDY COMPANY (Continued) **S101272729**

Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 33
SIC Name: MANU - PRIMARY METAL INDUSTRIES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: KSHADDY
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: 34
State Senate District Code: 18
Facility ID: 15330010
Activity: SI
Activity Name: SITE INSPECTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10241988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID: 15330010
Activity: ERA
Activity Name: EXPEDITED RESPONSE ACTION
AWP Code: POLYM
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12041990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE

PURDY COMPANY (Continued) **S101272729**

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:	N
Activity Comments:	POLYMER COATING OF CONTAMINATED SOILS.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330010
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02251991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID:	15330010
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06221993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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

PURDY COMPANY (Continued) **S101272729**

For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330010
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01241995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID:	15330010
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01241995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID:	15330010
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

PURDY COMPANY (Continued) **S101272729**

Comments Date:	04201995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID:	15330010
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03201996
Est Person-Yrs to complete:	0
Estimated Size:	S
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	N
Activity Comments:	FINAL REMEDIAL ACTION CONSISTING OF THE CONSOLIDATION OF APPROXIMATELY35000 CYDS OF HEAVY METAL CONTAMINATED SOIL IN A 1.5 ACRE AREA WHICHWAS SUBSEQUENTLY CAPPED AND FENCED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330010
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	RESTR
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08211996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0

PURDY COMPANY (Continued) **S101272729**

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
Facility ID:	15330010
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02281997
Est Person-Yrs to complete:	0
Estimated Size:	S
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	N
Activity Comments:	.
For Commercial Reuse:	41.75000
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330010
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	O&M
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02111997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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

PURDY COMPANY (Continued) **S101272729**

Unknown Type: 0
Facility ID: 15330010
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 01312017
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
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
Facility ID: 15330010
Activity: CHP65
Activity Name: AMENDED ORDER/AGREEMENT, CHAPTER 6.5 TRANSITION
AWP Code: ORDER
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01201999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: COM
Definition of Status: CERTIFIED / OPERATION & MAINTENANCE
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: 12901 UNITED ROAD
Alternate City,St,Zip: MOJAVE, CA 93501
Background Info: The Purdy Company opened in 1960 for the purpose of dismantling railcars and salvaging metals for reuse by fountries and smelters. Between 1960 and late 1965, wood an insultation lined railcars were burned in the open air to remove non-salvagable, non-metallic materials. At the end of 1965 an incinerator/furnace was constructed, and subsequently, railcar

PURDY COMPANY (Continued) **S101272729**

burning took place in the enclosed area. As a result of the burning operations, heavy metals and dioxins/furans were released over a large portion of the site.
During July 1990, a polymer coating was applied to the affected soils in order to stabilize and prevent the migration by wind of the surface soils.
DTSC issued an Imminent or Substantial Endangerment Remedial Action Order to the Purdy Company in February 1991. The Purdy Company submitted a Remedial Investigation Workplan which was subsequently approved by DTSC in June 1991. Field and laboratory work was completed in early 1992 and subsequently reported in a Draft Remedial Investigation Report dated May 18, 1992. Findings of the report indicated that copper, lead and zinc were present in site soil at concentrations of concern. The Remedial Investigation and Feasibility Study reports were approved on 6/22/93. A Remedial Action Plan was approved by DTSC on 1/24/95. Groundwater was not found to be impacted.
Completion of remedial activities was accomplished in March 1996. Approximately 35,000 cubic yards of lead, copper and zinc contaminated soils were consolidated in an on-site containment vault. An additional six tons of impacted soils were disposed at a hazardous waste landfill. The vault comprises a 470' by 140' by 20' deep excavation pit with a bottom synthetic liner. The vault is provided with a modified mix asphalt cap, fenced, posted with signing, and surveyed. Heavy metal concentrations in Site soils outside the containment area were reduced to less than residential cleanup levels of: 100mg/kg lead, 2500 mg/kg copper, and 5000 mg/kg zinc. The toxic equivalent factor concentration of dioxins/furans in Site soils were shown by analytical work to be below the one part per billion cleanup level established for the Site.
A Covenant to Restrict Use of Property to commerical/industrial purposes was recorded on the Purdy parcel August 21, 1996. An Operation and Maintenence Agreement was executed between Purdy and DTSC on February 11, 1997.

Comments Date: 01201999
Comments: HSA 95/96-084 was executed. The amendment incorporates Health
Comments Date: 01201999
Comments: and Safety Code Chapter 6.6 authority.
Comments Date: 01201999
Comments: CHP65/ORDER -- An amendment to Enforceable Agreement Docket No.
Comments Date: 01241995
Comments: CEQA (NEG DEC) AND RAP -- A mitigated negative declaration
Comments Date: 01241995
Comments: was adopted in association with RAP approval for the site.
Comments Date: 01241995
Comments: Final remedial action will consist of the consolidation and
Comments Date: 01241995
Comments: capping of approximately 35,000 cubic yards of heavy metal
Comments Date: 01241995
Comments: contaminated soil.
Comments Date: 02111997
Comments: ORDER/O&M -- AN OPERATION AND MAINTENANCE AGREEMENT WAS
Comments Date: 02111997
Comments: EXECUTED ON 2/11/97. THE AGREEMENT ADDRESSES MAINTENANCE
Comments Date: 02111997
Comments: OF A CAPPED CONSOLIDATION AREA AND PERIODIC MONITORING

PURDY COMPANY (Continued) **S101272729**

Comments Date:	02111997
Comments:	ACTIVITIES.
Comments Date:	02281997
Comments:	CERT -- Certification of completion of final remedial actions
Comments Date:	02281997
Comments:	consisting of the consolidation, capping, and fencing of
Comments Date:	02281997
Comments:	approximately 35,000 cubic yards of heavy metal contaminated
Comments Date:	02281997
Comments:	soil. A covenant (Deed Restriction) limiting use of the
Comments Date:	02281997
Comments:	entire 43.26 acres to industrial/commercial use was recorded.
Comments Date:	03161988
Comments:	Records Search: Kern County files.
Comments Date:	03201996
Comments:	RMDL - Final remedial action consisting of the consolidation
Comments Date:	03201996
Comments:	of approximately 45,000 tons of heavy metal contaminated
Comments Date:	03201996
Comments:	soil in an 1.5 acre area which was subsequently capped and
Comments Date:	03201996
Comments:	fenced.
Comments Date:	03201996
Comments:	Soil remediation - Volume disposed to landfill: 45,000 tons/
Comments Date:	03201996
Comments:	35,000 cu yds (consolidated). Area capped: 1.5 acres.
Comments Date:	03201996
Comments:	Acres of land returned/released for reuse: 41.7 acres total.
Comments Date:	03201996
Comments:	Based on: Cleaned up, Commercial/Industrial Use Only.
Comments Date:	03201996
Comments:	Other uses allowed with DTSC written approval.
Comments Date:	03201996
Comments:	Approximately 24 acres were contaminated in excess of
Comments Date:	03201996
Comments:	remediation goals.
Comments Date:	04201995
Comments:	DESIGN - Approval of design for final remedial action
Comments Date:	04201995
Comments:	consisting of the consolidation and capping of approximately
Comments Date:	04201995
Comments:	35,000 cubic yards of heavy metal contaminated soil.
Comments Date:	06211988
Comments:	DHS/TSCD Inspection: Collected soil and ash samples.
Comments Date:	06221993
Comments:	Remedial Investigation/Feasibility Study approved.
Comments Date:	07251991
Comments:	Records Search: Metal recovery business. Contaminants
Comments Date:	07251991
Comments:	include Cu, Pb, Zn, dioxins, and furans.
Comments Date:	07311990
Comments:	ERA: Polymer coating.
Comments Date:	08151988
Comments:	Sample results show heavy metals in soil and dioxins in
Comments Date:	08151988
Comments:	furnace ash.
Comments Date:	08211996

PURDY COMPANY (Continued) **S101272729**

Comments:	DEED/RESTR -- A deed restriction (covenant) was recorded
Comments Date:	08211996
Comments:	which requires inspection, maintenance, and monitoring of
Comments Date:	08211996
Comments:	an asphalt capped containment area. The covenant also
Comments Date:	08211996
Comments:	prohibits use of the capped area for any purpose and
Comments Date:	08211996
Comments:	prohibits disturbances of the capped area without DTSC
Comments Date:	08211996
Comments:	approval. The balance of the site (other than containment
Comments Date:	08211996
Comments:	area) is limited to industrial/commercial use unless
Comments Date:	08211996
Comments:	approved by DTSC.
Comments Date:	10241988
Comments:	Site Inspection Done: Hazard Ranking is required.
ID Name:	CALSTARS CODE
ID Value:	100176
ID Name:	BEP DATABASE PCODE
ID Value:	P14009
Alternate Name:	PURDY COMPANY
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

CERS:

Name:	PURDY COMPANY
Address:	12901 UNITED ROAD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	341912
CERS ID:	15330010
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	JOSEPH ERNEST
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CLOVIS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Supervisor
Entity Name:	KEVIN SHADDY
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:	Not reported

DE810 **MOJAVE PLANT** **HIST UST** **U001586267**
West **12901 UNITED ROAD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.022 mi.
116 ft. **Site 2 of 5 in cluster DE**

Actual: **2637 ft.**

Focus Map: **23**

HIST UST:

Name:	MOJAVE PLANT
Address:	12901 UNITED ROAD
City,State,Zip:	MOJAVE, CA 93501
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000068861
Facility Type:	Other
Other Type:	SALVAGE YARD
Contact Name:	WILLIAM J.B. STEELE
Telephone:	8058242595
Owner Name:	THE PURDY COMPANY OF ILLINOIS
Owner Address:	12901 UNITED ROAD
Owner City,St,Zip:	MOJAVE, CA 93501
Total Tanks:	0001
Tank Num:	001
Container Num:	#1
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	/2"
Leak Detection:	Visual

DE811 **PURDY CO OF CALIFORNIA** **HIST UST** **S113172476**
West **12901 UNITED RD** **HAZNET** **N/A**
< 1/8 **MOJAVE, CA 00000** **HWTS**
0.022 mi.
116 ft. **Site 3 of 5 in cluster DE**

Actual: **2637 ft.**

Focus Map: **23**

HIST UST:

Name:	NONE
Address:	12901 UNITED ROAD
City,State,Zip:	MOJAVE, CA 93501
File Number:	0002518E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002518E.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

PURDY CO OF CALIFORNIA (Continued) **S113172476**

Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
Name: PURDY CO OF CALIFORNIA
Address: 12901 UNITED RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 000000000
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: --

Year: 1996
Gepaid: CAP601252013
TSD EPA ID: CAT000646117
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 62.3672

Additional Info:
Year: 1996
Gen EPA ID: CAP601252013

Shipment Date: 19960417
Creation Date: 10/4/1996 0:00:00
Receipt Date: 19960417
Manifest ID: 89617702
Trans EPA ID: CAD004778742
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
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Disposal Method: D80 - Disposal, Land Fill
Quantity Tons: 62.3672
Waste Quantity: 74
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: PURDY CO OF CALIFORNIA
Address: 12901 UNITED RD
Address 2: Not reported

PURDY CO OF CALIFORNIA (Continued) **S113172476**

City,State,Zip:	MOJAVE, CA 000000000
EPA ID:	CAP601252013
Inactive Date:	12/21/2000
Create Date:	05/13/1998
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	--
Mailing Address 2:	Not reported
Mailing City,State,Zip:	--, 99 000000000
Owner Name:	--
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	--
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

DE812 **THE PURDY COMPANY** **UST** **U004113444**
West **12901 UNITED RD** **N/A**
< 1/8 **MOJAVE, CA**
0.022 mi.
116 ft. **Site 4 of 5 in cluster DE**

Actual: **2637 ft.**
Focus Map: **23**

KERN CO. UST:

Name:	THE PURDY COMPANY
Address:	12901 UNITED RD
City:	MOJAVE
Region:	Kern
Facility ID:	Not reported
CERSID:	Not reported
Owner Id:	590027
Owner Name:	THE PURDY COMPANY
Tank Num:	1
Tank Capacity:	0
Common Name:	Not reported
Description:	Not reported
Number of Compartments:	Not reported
Install Date:	Not reported
Date of Closure:	Not reported
Billing Status:	Not reported
Mailing Address:	Not reported
Mailing Address (care of):	Not reported
Mailing City/State/Zip:	Not reported

DE813 **PURDY COMPANY** **RESPONSE** **S103627488**
West **12901 UNITED** **ENVIROSTOR** **N/A**
< 1/8 **MOJAVE, CA 93501** **DEED**
0.022 mi. **Cortese**
116 ft. **Site 5 of 5 in cluster DE** **HIST CORTESE**

Actual: **2637 ft.**
Focus Map: **23**

RESPONSE:

Name:	PURDY COMPANY
Address:	12901 UNITED ROAD
City,State,Zip:	MOJAVE, CA 93501

PURDY COMPANY (Continued) **S103627488**

Facility ID:	15330010
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	41.75
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 6V - Lahontan
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joseph Ernest
Supervisor:	Joseph Tapia
Division Branch:	Engineering & Special Projects
Site Code:	101671
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	36
Senate:	16
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	02/28/1997
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	35.00929
Longitude:	-118.1546
APN:	427-030-16, 427-030-21, 42740010
Past Use:	INCINERATOR - OTHER, RECYCLING - SCRAP METAL
Potential COC :	* CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	427-030-16
Alias Type:	APN
Alias Name:	427-030-21
Alias Type:	APN
Alias Name:	42740010
Alias Type:	APN
Alias Name:	110033612614
Alias Type:	EPA (FRS #)
Alias Name:	P14009
Alias Type:	PCode
Alias Name:	100176
Alias Type:	Project Code (Site Code)
Alias Name:	101671
Alias Type:	Project Code (Site Code)
Alias Name:	15330010
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	03/20/1996
Comments:	RMDL - Final remedial action consisting of the consolidation of approximately 45,000 tons of heavy metal contaminated soil in an 1.5 acre area which was subsequently capped and fenced. Soil remediation - Volume disposed to landfill: 45,000 tons/ 35,000 cu yds (consolidated). Area capped: 1.5 acres. Acres of land returned/released for reuse: 41.7 acres total. Based on: Cleaned up, Commercial/Industrial Use Only. Other uses allowed with DTSC written approval. Approximately 24 acres were contaminated in excess of remediation goals.

PURDY COMPANY (Continued) **S103627488**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/20/1995
Comments: DESIGN - Approval of design for final remedial action consisting of the consolidation and capping of approximately 35,000 cubic yards of heavy metal contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/24/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/22/1993
Comments: Remedial Investigation/Feasibility Study approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/04/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Hazard Ranking is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 06/16/2011
Comments: Performed by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/25/2003
Comments: Completed

Completed Area Name: PROJECT WIDE

PURDY COMPANY (Continued) **S103627488**

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/12/2008
Comments: O&M agreement signed by Mardirossian

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/11/1997
Comments: ORDER/O&M -- AN OPERATION AND MAINTENANCE AGREEMENT WAS EXECUTED ON 2/11/97. THE AGREEMENT ADDRESSES MAINTENANCE OF A CAPPED CONSOLIDATION AREA AND PERIODIC MONITORING ACTIVITIES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/28/1997
Comments: Records Search: Metal recovery business. Contaminants include Cu, Pb, Zn, dioxins, and furans.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/21/1996
Comments: RESTR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/24/1995
Comments: CEQA (NEG DEC) AND RAP -- A mitigated negative declaration was adopted in association with RAP approval for the site. Final remedial action will consist of the consolidation and capping of approximately 35,000 cubic yards of heavy metal contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/25/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Amended Order/Agreement, Chapter 6.5 transition
Completed Date: 01/20/1999

PURDY COMPANY (Continued) **S103627488**

Comments: HSA 95/96-084 was executed. The amendment incorporates Health and Safety Code Chapter 6.6 authority. CHP65/ORDER -- An amendment to Enforceable Agreement Docket No.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 09/24/2015
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

ENVIROSTOR:
Name: PURDY COMPANY
Address: 12901 UNITED ROAD
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15330010
Status: Certified / Operation & Maintenance
Status Date: 02/28/1997
Site Code: 101671
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 41.75
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 6V - Lahontan
Lead Agency: SMBRP
Program Manager: Joseph Ernest
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Assembly: 36
Senate: 16
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 35.00929
Longitude: -118.1546
APN: 427-030-16, 427-030-21, 42740010
Past Use: INCINERATOR - OTHER, RECYCLING - SCRAP METAL
Potential COC: * CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS Lead
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: 427-030-16
Alias Type: APN
Alias Name: 427-030-21
Alias Type: APN
Alias Name: 42740010
Alias Type: APN
Alias Name: 110033612614

PURDY COMPANY (Continued) **S103627488**

Alias Type: EPA (FRS #)
Alias Name: P14009
Alias Type: PCode
Alias Name: 100176
Alias Type: Project Code (Site Code)
Alias Name: 101671
Alias Type: Project Code (Site Code)
Alias Name: 15330010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/20/1996
Comments: RMDL - Final remedial action consisting of the consolidation of approximately 45,000 tons of heavy metal contaminated soil in an 1.5 acre area which was subsequently capped and fenced. Soil remediation - Volume disposed to landfill: 45,000 tons/ 35,000 cu yds (consolidated). Area capped: 1.5 acres. Acres of land returned/released for reuse: 41.7 acres total. Based on: Cleaned up, Commercial/Industrial Use Only. Other uses allowed with DTSC written approval. Approximately 24 acres were contaminated in excess of remediation goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/20/1995
Comments: DESIGN - Approval of design for final remedial action consisting of the consolidation and capping of approximately 35,000 cubic yards of heavy metal contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 01/24/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/22/1993
Comments: Remedial Investigation/Feasibility Study approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/04/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Hazard Ranking is required.

Completed Area Name: PROJECT WIDE

PURDY COMPANY (Continued) **S103627488**

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 06/16/2011
Comments: Performed by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/10/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/25/2003
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 12/03/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/12/2008
Comments: O&M agreement signed by Mardirossian

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/11/1997
Comments: ORDER/O&M -- AN OPERATION AND MAINTENANCE AGREEMENT WAS EXECUTED ON 2/11/97. THE AGREEMENT ADDRESSES MAINTENANCE OF A CAPPED CONSOLIDATION AREA AND PERIODIC MONITORING ACTIVITIES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/28/1997
Comments: Records Search: Metal recovery business. Contaminants include Cu, Pb, Zn, dioxins, and furans.

Completed Area Name: PROJECT WIDE

PURDY COMPANY (Continued) **S103627488**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/21/1996
Comments: RESTR

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/24/1995
Comments: CEQA (NEG DEC) AND RAP -- A mitigated negative declaration was adopted in association with RAP approval for the site. Final remedial action will consist of the consolidation and capping of approximately 35,000 cubic yards of heavy metal contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/25/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Amended Order/Agreement, Chapter 6.5 transition
Completed Date: 01/20/1999
Comments: HSA 95/96-084 was executed. The amendment incorporates Health and Safety Code Chapter 6.6 authority. CHP65/ORDER -- An amendment to Enforceable Agreement Docket No.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 09/24/2015
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: PURDY COMPANY
Address: 12901 UNITED ROAD
City,State,Zip: MOJAVE, CA 93501
Envirostor ID: 15330010
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

PURDY COMPANY (Continued) **S103627488**

CORTESE:

Name:	PURDY COMPANY
Address:	12901 UNITED ROAD
City,State,Zip:	MOJAVE, CA 93501
Region:	CORTESE
Envirostor Id:	15330010
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date:	02/28/1997
Site Code:	100176, 101671
Latitude:	35.009294
Longitude:	-118.15462
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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:	Haz Waste & Substances Sites

HIST CORTESE:

edr_fname:	PURDY COMPANY
edr_fadd1:	12901 UNITED
City,State,Zip:	MOJAVE, CA 93501
Region:	CORTESE
Facility County Code:	15
Reg By:	CALSI
Reg Id:	15330010

DF814 **KCPWD - MOJAVE/ROSAMOND LANDFILL** **SWF/LF** **S102859163**
South **400 SILVER QUEEN RD** **CERS HAZ WASTE** **N/A**
< 1/8 **MOJAVE, CA 93501** **Financial Assurance**
0.022 mi. **CIWQS**
118 ft. **Site 1 of 2 in cluster DF** **CERS**

Actual:
2605 ft.

Focus Map:
23

SWF/LF (SWIS):

Name:	MOJAVE-ROSAMOND SANITARY LANDFILL
Address:	400 SILVER QUEEN ROAD
City,State,Zip:	MOJAVE, CA
Facility ID:	15-AA-0058
Lat/Long:	34.99336 / -118.13881
Owner Name:	County of Kern
Owner Telephone:	6618628900
Owner Address:	Not reported
Owner Address2:	1115 Truxten Ave
Owner City,St,Zip:	Bakerfield, CA 93301
Operational Status:	Active
Operator:	Kern County Public Works Department
Operator Phone:	6618628900
Operator Address:	Not reported
Operator Address2:	2700 "M" St., Suite 450

KCPWD - MOJAVE/ROSAMOND LANDFILL (Continued) **S102859163**

Operator City,St,Zip: Bakersfield, CA 93301
Permit Date: 05/29/2014
Permit Status: Permitted
Permitted Acreage: $1,688.50
Activity: Solid Waste Landfill
Regulation Status: Permitted
Landuse Name: Agricultural
GIS Source: GPS
Category: Disposal
Unit Number: 01
Inspection Frequency: Monthly
Accepted Waste: Agricultural,Construction/demolition,Dead Animals,Industrial,Mixed municipal
Closure Date: 12/31/2123
Closure Type: Estimated
Disposal Acreage: $544.00
SWIS Num: 15-AA-0058
Waste Discharge Requirement Num: III
Program Type: BOE Reporting Disposal Facility,Financial Assurance Responsibilities,Remaining Capacity Landfill
Permitted Throughput with Units: 3000
Actual Throughput with Units: Tons/day
Permitted Capacity with Units: 78000000
Remaining Capacity: 76310297
Remaining Capacity with Units: Cubic Yards
Lat/Long: 34.99336 / -118.13881

CERS HAZ WASTE:
Name: KCPWD - MOJAVE/ROSAMOND LANDFILL
Address: 400 SILVER QUEEN RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 41219
CERS ID: 10234831
CERS Description: Hazardous Waste Generator

CA Financial Assurance 2:
Name: MOJAVE-ROSAMOND SANITARY LANDFILL
Address: 400 SILVER QUEEN ROAD
City,State,Zip: MOJAVE, CA
Region: 2
SWIS_NO: 15-AA-0058
Closure Approved: Yes
Closure Inf Coverage Date: 05/29/2015
Closure Plan Coverage: 30305386
Closure Plan Date: 01/01/2013
PostClose Approved: Yes
PostClose Adequacy Date: 01/01/2013
PostClose Inf Coverage: 15432111
PostClose Inf Coverage Date: 05/29/2015
CorActCoverage: 178976
CorActApproved: Yes
CorAct Mec Adequacy Date: Not reported
CorAct Inf Coverage: 178976
CorActPlanCoverage: 170653
CorAct Plan Date: 01/01/2012
Lia Coverage: 3000000

KCPWD - MOJAVE/ROSAMOND LANDFILL (Continued) **S102859163**

Lia Approved:	Yes
Review:	01/26/2016
Closure Mechanism A:	ENTERPRISE FUND
Closure Mechanism B:	Not reported
Closure Coverage:	2830105
Closure Adequacy:	Not reported
Closure Inflation Estimate:	31221366
Post Closure Mechanism A:	PLEDGE OF REVENUE
Post Closure Established A:	04/05/1994
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	15432111
Post Closure Adequacy:	Not reported
Corrective Action Extablished A:	09/11/2012
Corrective Actiont Coverage:	178976
Corrective Action Approved:	Yes
Corrective Action Inflation Estimate:	178976
Corrective Action Inflationdate:	05/29/2015
Corrective Action Plan Estimate:	170653
Liability Mechanism A:	SELF-INS. & RISK MANAGEMENT
Liability Established A:	07/25/2014
Liability Mechanism B:	Not reported
CostAnniversary:	05/29/2015
ClosureEstablishedA:	10/30/1990
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	PLEDGE OF REVENUE
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstabllishedB:	Not reported
LiabilityAdequacy:	Not reported
Responsible Party:	Not reported
Provider:	Not reported
Contact:	Not reported

CIWQS:

Name:	MOJAVE/ROSAMOND LANDFILL
Address:	400 SILVER QUEEN RD
City,State,Zip:	MOJAVE, CA 93501
Agency:	Kern County Public Works Department
Agency Address:	2700 M St Ste 500, Bakersfield, CA 93301
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I013398
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/08/1997
Termination Date:	12/18/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported

KCPWD - MOJAVE/ROSAMOND LANDFILL (Continued) **S102859163**

Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.99589
Longitude:	-118.14069

CERS:

Name:	MOJAVE-ROSAMOND SANITARY LANDFILL
Address:	400 SILVER QUEEN ROAD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	481343
CERS ID:	110012695333
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	MOJAVE-ROSAMOND SANITARY LANDFILL
Address:	400 SILVER QUEEN ROAD
City,State,Zip:	MOJAVE, CA
Site ID:	510265
CERS ID:	15-AA-0058
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Operator
Entity Name:	Kern County Public Works Department
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301
Affiliation Phone:	6618628900

Affiliation Type Desc:	Legal Owner
Entity Name:	COUNTY OF KERN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Bakerfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301
Affiliation Phone:	6618628900

Name:	KCPWD - MOJAVE/ROSAMOND LANDFILL
Address:	400 SILVER QUEEN RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	41219
CERS ID:	10234831
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

KCPWD - MOJAVE/ROSAMOND LANDFILL (Continued) **S102859163**

Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Operator shall label "satellite container" next to the hazardous materials locker with hazardous waste label or remove labels and use container as waste determination location.
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Kern County Public Works Department
Entity Title: Not reported
Affiliation Address: 2700 M ST SUITE 500
Affiliation City: BAKERSFIELD
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93301
Affiliation Phone: (661) 862-8900

Affiliation Type Desc: Parent Corporation
Entity Name: KERN COUNTY PUBLIC WORKS DEPT
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: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: SERGIO FURTADO
Entity Title: Not reported

KCPWD - MOJAVE/ROSAMOND LANDFILL (Continued) **S102859163**

Affiliation Address:	2700 M ST SUITE 500
Affiliation City:	BAKERSFIELD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2700 M ST STE 500
Affiliation City:	BAKERSFIELD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	SERGIO FURTADO
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:	(661) 862-8958
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Document Preparer
Entity Name:	Sergio Furtado
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:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Sergio Furtado
Entity Title:	Waste Management Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DF815 **MOJAVE-ROSAMOND SANITARY LANDFILL** **RCRA NonGen / NLR** **1024784276**
South **400 SILVER QUEEN ROAD** **CAH111000202**
< 1/8 **MOJAVE, CA 93501**
0.022 mi.
118 ft. **Site 2 of 2 in cluster DF**

Actual:
2605 ft.

Focus Map:
23

RCRA NonGen / NLR:

Date form received by agency:	2018-08-21 00:00:00.0
Facility name:	MOJAVE-ROSAMOND SANITARY LANDFILL
Facility address:	400 SILVER QUEEN ROAD MOJAVE, CA 93501
EPA ID:	CAH111000202
Mailing address:	M STREET SUITE 450 BAKERSFIELD, CA 93302
Contact:	KATRINA A SLAYTON
Contact address:	M STREET SUITE 450 BAKERSFIELD, CA 93301
Contact country:	US
Contact telephone:	661-862-8957
Contact email:	SLAYTONK@KERNCOUNTY.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	COUNTY OF KERN
Owner/operator address:	TRUXTUN AVENUE BAKERSFIELD, CA 93301
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	County
Owner/Operator Type:	Owner
Owner/Op start date:	2018-08-10 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	KERN COUNTY PUBLIC WORKS
Owner/operator address:	M STREET SUITE 450 BAKERSFIELD, CA 93301
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	County
Owner/Operator Type:	Operator
Owner/Op start date:	2018-08-10 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	Yes
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	Yes
Underground injection activity:	No

MOJAVE-ROSAMOND SANITARY LANDFILL (Continued) **1024784276**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Universal Waste Summary:

Waste type:	E
Accumulated waste on-site:	Yes
Generated waste on-site:	No

Waste type:	C
Accumulated waste on-site:	Yes
Generated waste on-site:	No

Hazardous Waste Summary:

. Waste code:	612
. Waste name:	Household waste

Violation Status: No violations found

816
SSE
< 1/8
0.023 mi.
123 ft.

AT & T MOBILITY
7089 HWY 58
MOJAVE, CA 93501

RCRA NonGen / NLR **1024857963**
CAL000423606

Actual:
2651 ft.

Focus Map:
20

RCRA NonGen / NLR:

Date form received by agency:	2016-12-29 00:00:00.0
Facility name:	AT & T MOBILITY
Facility address:	7089 HWY 58 MOJAVE, CA 93501
EPA ID:	CAL000423606
Mailing address:	308 S. AKARD ST. ROOM 1700 DALLAS, TX 75202-0000
Contact:	DERONICA LAMB
Contact address:	308 S. AKARD ST ROOM 1700 DALLAS, TX 75202-0000
Contact country:	Not reported
Contact telephone:	214-741-0464
Contact email:	DR1429@ATT.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DERONICA LAMB
Owner/operator address:	308 S. AKARD ST ROOM 1700 DALLAS, TX 75202
Owner/operator country:	Not reported
Owner/operator telephone:	214-741-0464
Owner/operator email:	Not reported

AT & T MOBILITY (Continued) **1024857963**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEW CINGULAR WIRELESS PCS, LLC
Owner/operator address: 308 S. AKARD ST. ROOM 1700
DALLAS, TX 75202
Owner/operator country: Not reported
Owner/operator telephone: 214-741-0464
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

817
West
< 1/8
0.024 mi.
129 ft.

Actual:
2624 ft.

Focus Map:
23

UNITED METAL RECOVERY
12403 UNITED STREET
MOJAVE, CA 93501

RESPONSE **S100183840**
ENVIROSTOR **N/A**
HIST Cal-Sites
LIENS
DEED
Cortese
HIST CORTESE
CERS

RESPONSE:
Name: UNITED METAL RECOVERY
Address: 12433 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15330007
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP

UNITED METAL RECOVERY (Continued) **S100183840**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Danny Domingo
Supervisor:	Joseph Tapia
Division Branch:	Engineering & Special Projects
Site Code:	100177
Site Mgmt. Req.:	REM, FOUN, DAY, ELD, HOS, LUC, FEN, NOWN, NDAM, NUSE, NDEV, NSUB, SCH, FOOD, RES
Assembly:	36
Senate:	16
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	06/01/1995
Restricted Use:	YES
Funding:	Orphan Funds
Latitude:	35.00248
Longitude:	-118.1520
APN:	427-140-09
Past Use:	BATTERY RECLAMATION, METAL RECLAMATION
Potential COC :	* CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS Lead Copper and compounds Zinc
Confirmed COC:	Copper and compounds * WASTE POTENTIALLY CONTAINING DIOXINS Lead * CONTAMINATED SOIL Zinc
Potential Description:	SOIL
Alias Name:	427-140-09
Alias Type:	APN
Alias Name:	110033620231
Alias Type:	EPA (FRS #)
Alias Name:	P14034
Alias Type:	PCode
Alias Name:	100177
Alias Type:	Project Code (Site Code)
Alias Name:	15330007
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	02/04/1999
Comments:	RMDL/SOILS -- COMPLETION OF REMEDIAL ACTION: APPROVED REMEDY FROM RAP. CONSOLIDATION OF LEAD, COPPER, AND ZINC CONTAMINATED SOIL TO A CONSOLIDATION PIT AND COVERED WITH A REINFORCED CONCRETE CAP. RA ALSO INCLUDES THE DEMOLITION OF THE FORMER FURNACE BUILDING.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/25/1996
Comments:	RA/SOILS -- Reapplication os soil sealant over lead, dioxin contaminated soils on site. Approximately 8 acres was treated.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan
Completed Date:	06/23/1993
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 05/27/1993
Comments: RAP (SOILR) - A RAP was developed and approved to consolidat and cap approx 3,000 cubic yards of soil and ash. A public meeting was held to present the proposed alternative described in the RAP. Oral and written comments were addressed by the Department prior to approving the RAP. Approx. cost = $47,000 (HSA)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/05/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/07/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1992
Comments: FRIFS: Near surface stabilization. RA: Fence repair/reinforcement along perimeter of site. New fencing installed to enclose additional contaminated area. Cost = approx $12,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/13/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/24/1989
Comments: Preliminary Assessment completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2006
Comments: Letter to Frederio Lawrence informing him of site usage restriction. Letter also requested information on new mailing address and telephone, and offered him the chance to enter into an O&M agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/15/2007
Comments: see previous comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Document Type: 5 Year Review Reports
Completed Date: 06/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/16/2006
Comments: Information Request Letter #2; Follow Up letter to April 2006 Information Request Letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 08/04/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/19/2004
Comments: DEED -- RECORDATION OF COVENANT TO RESTRICT USE OF PROPERTY ENVIRONMENTAL RESTRICTION (DEED RESTRICTION) TO PROPERTY TITLE. RECORDED AT KERN COUNTY ASSESSOR'S OFFICE, BAKERSFIELD, KERN COUNTY.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/13/2004
Comments: CERTIFICATION -- Certified completion of final remedial actions for the site. Remediation involved the consolidation of soil ad ash contaminated with heavy metals and dioxin/furans to capped consolidation area, and the recordation of a deed restriction limiting the site usage to industrial/commercial and restricting the building of residences, hospitals, and daycare centers at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/23/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 02/28/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/16/1988
Comments: Facility Identified: Kern County Health. Metal recovery business. Contaminants include dioxins, furans, Cd, Cu, and Pb.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Document Type: Lien
Completed Date: 07/08/2003
Comments: FILE Lien in the amount of $836,460.33

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/01/2010
Comments: Completed field inspection and memorandum to file addressing the condition of the cap and site. Inspection was done by DTSC personnel pursuant to the Interim Operation and Maintenance Plan prepared by DTSC staff which will be used until an agreement can be reached with a RP capable of conducting O & M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/03/2012
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: 05/16/2013
Comments: Memo to File Inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 05/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 03/24/2003
Comments: Notice to Place Lien on Title of Property

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/13/2017
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: 03/12/2018
Comments: single report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 07/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/21/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
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

ENVIROSTOR:
Name: UNITED METAL RECOVERY
Address: 12433 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15330007
Status: Certified / Operation & Maintenance
Status Date: 06/01/1995
Site Code: 100177
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Danny Domingo
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Assembly: 36
Senate: 16
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: REM, FOUN, DAY, ELD, HOS, LUC, FEN, NOWN, NDAM, NUSE, NDEV, NSUB, SCH, FOOD, RES
Funding: Orphan Funds
Latitude: 35.00248
Longitude: -118.1520
APN: 427-140-09
Past Use: BATTERY RECLAMATION, METAL RECLAMATION
Potential COC: * CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS Lead Copper and compounds Zinc
Confirmed COC: Copper and compounds * WASTE POTENTIALLY CONTAINING DIOXINS Lead * CONTAMINATED SOIL Zinc
Potential Description: SOIL
Alias Name: 427-140-09
Alias Type: APN
Alias Name: 110033620231
Alias Type: EPA (FRS #)
Alias Name: P14034
Alias Type: PCode
Alias Name: 100177
Alias Type: Project Code (Site Code)
Alias Name: 15330007

UNITED METAL RECOVERY (Continued) **S100183840**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 02/04/1999
Comments: RMDL/SOILS -- COMPLETION OF REMEDIAL ACTION: APPROVED REMEDY FROM RAP. CONSOLIDATION OF LEAD, COPPER, AND ZINC CONTAMINATED SOIL TO A CONSOLIDATION PIT AND COVERED WITH A REINFORCED CONCRETE CAP. RA ALSO INCLUDES THE DEMOLITION OF THE FORMER FURNACE BUILDING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/25/1996
Comments: RA/SOILS -- Reapplication os soil sealant over lead, dioxin contaminated soils on site. Approximately 8 acres was treated.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/23/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 05/27/1993
Comments: RAP (SOILR) - A RAP was developed and approved to consolidat and cap approx 3,000 cubic yards of soil and ash. A public meeting was held to present the proposed alternative described in the RAP. Oral and written comments were addressed by the Department prior to approving the RAP. Approx. cost = $47,000 (HSA)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/05/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/07/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1992
Comments: FRIFS: Near surface stabilization. RA: Fence repair/reinforcement along perimeter of site. New fencing installed to enclose additional contaminated area. Cost = approx $12,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Date: 04/13/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 11/24/1989
Comments: Preliminary Assessment completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2006
Comments: Letter to Frederio Lawrence informing him of site usage restriction. Letter also requested information on new mailing address and telephone, and offered him the chance to enter into an O&M agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/15/2007
Comments: see previous comment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/16/2006
Comments: Information Request Letter #2; Follow Up letter to April 2006 Information Request Letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 08/04/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 05/19/2004
Comments: DEED -- RECORDATION OF COVENANT TO RESTRICT USE OF PROPERTY ENVIRONMENTAL RESTRICTION (DEED RESTRICTION) TO PROPERTY TITLE. RECORDED AT KERN COUNTY ASSESSOR'S OFFICE, BAKERSFIELD, KERN COUNTY.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/13/2004
Comments: CERTIFICATION -- Certified completion of final remedial actions for the site. Remediation involved the consolidation of soil ad ash contaminated with heavy metals and dioxin/furans to capped

UNITED METAL RECOVERY (Continued) **S100183840**

consolidation area, and the recordation of a deed restriction limiting the site usage to industrial/commercial and restricting the building of residences, hospitals, and daycare centers at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/23/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 02/28/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/16/1988
Comments: Facility Identified: Kern County Health. Metal recovery business. Contaminants include dioxins, furans, Cd, Cu, and Pb.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 07/08/2003
Comments: FILE Lien in the amount of $836,460.33

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/01/2010
Comments: Completed field inspection and memorandum to file addressing the condition of the cap and site. Inspection was done by DTSC personnel pursuant to the Interim Operation and Maintenance Plan prepared by DTSC staff which will be used until an agreement can be reached with a RP capable of conducting O & M activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/03/2012
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: 05/16/2013
Comments: Memo to File Inspection report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 05/27/2015
Comments: Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 03/24/2003
Comments: Notice to Place Lien on Title of Property

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/13/2017
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: 03/12/2018
Comments: single report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 07/17/2019
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: 06/21/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
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

Calsite:
Name: UNITED METAL RECOVERY
Address: 12403 UNITED STREET
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15330007
Facility Type: STATE
Type: STATE FUNDED SITE
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 06011995
Status: CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed

UNITED METAL RECOVERY (Continued) **S100183840**

SIC Code:	33
SIC Name:	MANU - PRIMARY METAL INDUSTRIES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Unknown
Staff Member Responsible for Site:	DDOMINGO
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:	34
State Senate District Code:	18
Facility ID:	15330007
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03161988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02281990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

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
Facility ID:	15330007
Activity:	ERA
Activity Name:	EXPEDITED RESPONSE ACTION
AWP Code:	POLYM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04131990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	APPLIED 1,000 GALLONS OF POLYMER SEALANT TO 8 ACRES.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330007
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	SOILS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007

UNITED METAL RECOVERY (Continued) **S100183840**

Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	FENCE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07071992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	DUST SUPPRESSANT RE-APPLIED TO 9 ACRES SITE BY STATE CONTRACTOR. BULKOF WORK DONE JUNE 17,18, 1992 WITH SOME RESIDUAL WORK DONE JULY 1992.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330007
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	F&P
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01051993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	N
Activity Comments:	FENCING WAS REPAIRED/REINFORCED ALONG PERIMETER OF SITE & NOW FENCINGINSTALLED TO ENCLOSE ADDITIONAL CONTAMINATED AREA.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330007
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	FS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

Comments Date:	05271993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06231993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06231993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

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
Facility ID:	15330007
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03311995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SOILS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09251996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	REAPPLICATION OF SOIL SEALANT OVER LEAD, DIOXIN CONTAMINATED SOILSONSITE. APPROXIMATELY 8 ACRES WAS TREATED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

UNITED METAL RECOVERY (Continued) **S100183840**

Facility ID:	15330007
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07312005
Revised Due Date:	Not reported
Comments Date:	10132004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	8
For Industrial Reuse:	8
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330007
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	SOF
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11261997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	SOILS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02041999
Est Person-Yrs to complete:	0

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Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	1500
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	10
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330007
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	FILE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07082003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330007
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05192004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

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: 12403 UNITED STREET
Alternate City,St,Zip: MOJAVE, CA 93501
Background Info: This eight-acre site is located in the Mojave desert, four miles south of the Town of Mojave. It was a copper recovery operation consisting of a house trailer, warehouse, and a furnace inside an aluminum shed. High concentrations of dioxins, furans, copper (Cu), lead (Pb) and zinc (Zn), and low concentrations of polynuclear aromatic hydrocarbons (PNAs), have been found in the onsite soils and ash piles.
The United Metal Recovery operation consisted of purchasing copper wire from different scrap dealers and burning off the insulation in a furnace. The site also contains several piles of old wire, oil well flanges, glass and aluminum, and used automobile batteries. A waste ash pile close to the furnace contained high levels of Cu, Pb, and Zn. The soil just north of the furnace contained lower levels of the same metals.
Exposure pathways consist of physical contact with soil and inhalation of wind blown dust from soil and ash. Receptors consist of workers on adjacent properties and nearby residents.
A preliminary assessment was performed in November 1989, that also found high levels of dioxins (75.62 ppb) and lower levels of benzo(a)pyrene (0.4 ppm).
The PRPs appear to have no funds available for remediation. A PRP Search is being conducted.
The site is surrounded by a chain link fence. DTSC, using state funds, sprayed a dust suppressant polymer coating on contaminated soil and ash in March 1990. DHS made an I/SE Determination for this work in February 1990.
Beginning in 1991, contractors began drafting a remedial investigation workplan to characterize contamination at the site.
In May 1992, sampling was conducted and by May 1993, the Remedial Investigation/Feasibility Study was conducted. In December 1992, additional fencing was installed to enclose contaminated area identified from the RI. Existing fences were also repaired along the perimeter of the site.
The Remedial Action Plan was incorporated into the RI/FS Report and finalized in June 1993. Also in June 1993, a CEQA notification was completed noting the DTSCs intent to file a Negative Declaration.
A Phase I Potential Responsible Party Search was conducted June 1994. Records obtained from the owner/operator were analyzed to develop a strategy for the PRP search.
Information Request letters were sent to contributors seeking information pertaining to material sent to the site for processing. The responses were presented in a report to DTSC.
In November 1998, using its zone contractors, DTSC implemented the approved Remedial Action Plan. The remedial actions involved: 1)the demolition of the furnace building; 2)the on-site excavation and consolidation of the contaminated surface soil and associated ash pile into a consolidation pit; 3)the construction

UNITED METAL RECOVERY (Continued) **S100183840**

of an on-site concrete cap over the consolidated affected soil.
Comments Date: 02041999
Comments: RMDL/SOILS -- COMPLETION OF REMEDIAL ACTION: APPROVED
Comments Date: 02041999
Comments: REMEDY FROM RAP. CONSOLIDATION OF LEAD, COPPER, AND ZINC
Comments Date: 02041999
Comments: CONTAMINATED SOIL TO A CONSOLIDATION PIT AND COVERED
Comments Date: 02041999
Comments: WITH A REINFORCED CONCRETE CAP. RA ALSO INCLUDES THE
Comments Date: 02041999
Comments: DEMOLITION OF THE FORMER FURNACE BUILDING.
Comments Date: 03161988
Comments: Facility Identified: Kern County Health.
Comments Date: 03161988
Comments: Metal recovery business. Contaminants include dioxins,
Comments Date: 03161988
Comments: furans, Cd, Cu, and Pb.
Comments Date: 03311990
Comments: ERA: Polymer coating. One-thousand gallons of polymer soil
Comments Date: 03311990
Comments: sealant applised to eight acres of the site.
Comments Date: 03311995
Comments: PRP SEARCH -- This is the final Potential Responsible Party
Comments Date: 03311995
Comments: report. This report identifies the parties to pursue to
Comments Date: 03311995
Comments: complete the final remediation of the site and to recoup the
Comments Date: 03311995
Comments: State's funds and staff costs.
Comments Date: 05111988
Comments: DHS/TSCD "conduct" questionnaire of past onsite practices.
Comments Date: 05181994
Comments: PRP Search (Phase 1) -- A contractor for the Department of
Comments Date: 05181994
Comments: Toxic Substances Control conducted an initial search of
Comments Date: 05181994
Comments: Potential Responsible Parties (PRPs) to seek reimbursement
Comments Date: 05181994
Comments: of costs and to complete cleanup, per approved RAP. Based
Comments Date: 05181994
Comments: upon the intial investigation, DTSC can identify the most
Comments Date: 05181994
Comments: viable PRPs to further invetigate eventually leading to a
Comments Date: 05181994
Comments: cost recovery action. Approx. cost = $23,000
Comments Date: 05271993
Comments: FRI/FS completed. Remedial Investigation Workplan and
Comments Date: 05271993
Comments: Implementation was undertaken in May 1992 from which a
Comments Date: 05271993
Comments: Remedial Investigation (RI) Report was completed. Based on
Comments Date: 05271993
Comments: RI findings, a study of cleanup alternatives was done
Comments Date: 05271993
Comments: (Feasability Study) to identify effective cleanup
Comments Date: 05271993
Comments: alternatives for the waste type present at the site.

UNITED METAL RECOVERY (Continued) **S100183840**

Comments Date:	05271993
Comments:	Approx. cost = $250,000.
Comments Date:	06152004
Comments:	DEED -- RECORDATION OF COVENANT TO RESTRICT USE OF PROPERTY
Comments Date:	06152004
Comments:	ENVIRONMENTAL RESTRICTION (DEED RESTRICTION) TO PROPERTY TITLE.
Comments Date:	06152004
Comments:	RECORDED AT KERN COUNTY ASSESSOR'S OFFICE, BAKERSFIELD, KERN
Comments Date:	06152004
Comments:	COUNTY.
Comments Date:	06221993
Comments:	CEQA -- A negative declaration was approved for the Remedial
Comments Date:	06221993
Comments:	Action Plan by the Department. A public notice was issued
Comments Date:	06221993
Comments:	and an initial study was submitted to the Office of
Comments Date:	06221993
Comments:	Planning and Research for comment.
Comments Date:	06221993
Comments:	Not reported
Comments Date:	06231993
Comments:	RAP (SOILR) - A RAP was developed and approved to consolidat
Comments Date:	06231993
Comments:	and cap approx 3,000 cubic yards of soil and ash. A public
Comments Date:	06231993
Comments:	meeting was held to present the proposed alternative
Comments Date:	06231993
Comments:	described in the RAP. Oral and written comments were
Comments Date:	06231993
Comments:	addressed by the Department prior to approving the RAP.
Comments Date:	06231993
Comments:	Approx. cost = $47,000 (HSA)
Comments Date:	06301992
Comments:	FRIFS: Near surface stabilization.
Comments Date:	06301992
Comments:	RA: Fence repair/reinforcement along perimeter of site. New
Comments Date:	06301992
Comments:	fencing installed to enclose additional contaminated area.
Comments Date:	06301992
Comments:	Cost = approx $12,000.
Comments Date:	08151988
Comments:	Soil sample results show heavy metals, dioxins and semi-
Comments Date:	08151988
Comments:	volatiles.
Comments Date:	09251996
Comments:	RA/SOILS -- Reapplication os soil sealant over lead, dioxin
Comments Date:	09251996
Comments:	contaminated soils on site. Approximately 8 acres was
Comments Date:	09251996
Comments:	treated.
Comments Date:	10132004
Comments:	CERTIFICATION -- Certified completion of final remedial actions
Comments Date:	10132004
Comments:	for the site. Remediation involved the consolidation of soil ad
Comments Date:	10132004
Comments:	ash contaminated with heavy metals and dioxin/furans to capped
Comments Date:	10132004

UNITED METAL RECOVERY (Continued) **S100183840**

Comments:	consolidation area, and the recordation of a deed restriction
Comments Date:	10132004
Comments:	limiting the site usage to industrial/commercial and restricting
Comments Date:	10132004
Comments:	the building of residences, hospitals, and daycare centers at
Comments Date:	10132004
Comments:	the site.
Comments Date:	11191997
Comments:	COST/SOF -- COMPLETION OF STATEMENT OF FACTS AND REFERRAL TO
Comments Date:	11191997
Comments:	ATTORNEY GENERAL'S OFFICE FOR COST RECOVERY.
Comments Date:	11241989
Comments:	Preliminary Assessment completed.
Comments Date:	11261997
Comments:	COST/SOF -- TRANSMITTAL OF POTENTIAL RESPONSIBLE PARTY SEARCH
Comments Date:	11261997
Comments:	REPORT AND STATEMENT OF FACTS TO ATTORNEY GENERAL'S OFFICE.
Comments Date:	11261997
Comments:	CASE HAS BEEN ASSIGNED TO ATTORNEY GENERAL STAFF.
Comments Date:	12161992
Comments:	RA (FENCE & POST) - New fence was installed to enclose an
Comments Date:	12161992
Comments:	additional portion of the site identified as contaminated
Comments Date:	12161992
Comments:	during the remedial investigation. The perimeter fence
Comments Date:	12161992
Comments:	was repaired to restrict access. Approx. cost $15,000.
Comments Date:	12161992
Comments:	Not reported
ID Name:	BEP DATABASE PCODE
ID Value:	P14034
ID Name:	CALSTARS CODE
ID Value:	100177
Alternate Name:	UNITED METAL RECOVERY
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

LIENS:

Name:	UNITED METAL RECOVERY
City,State,Zip:	MOJAVE, CA 93501
Envirostor Id:	15330007
Latitude:	35.002485
Longitude:	-118.15204
Project Mgr:	DANNY DOMINGO
Project Code:	100177
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	CERTIFIED / OPERATION & MAINTENANCE
Site Type:	STATE RESPONSE OR NPL
Completed:	07/08/2003
Lien Amount:	$836,460.33
Amount Remaining:	Not reported
APNS:	427-140-09
Description:	This eight-acre site is located in the Mojave desert, four miles south of the Town of Mojave. It was a copper recovery operation consisting of a house trailer, warehouse, and a furnace inside an

UNITED METAL RECOVERY (Continued) **S100183840**

aluminum shed. High concentrations of dioxins, furans, copper (Cu), lead (Pb) and zinc (Zn), and low concentrations of polynuclear aromatic hydrocarbons (PNAs), have been found in the onsite soils and ash piles. The United Metal Recovery operation consisted of purchasing copper wire from different scrap dealers and burning off the insulation in a furnace. The site also contains several piles of old wire, oil well flanges, glass and aluminum, and used automo- bile batteries. A waste ash pile close to the furnace contained high levels of Cu, Pb, and Zn. The soil just north of the furnace contained lower levels of the same metals. Exposure pathways consist of physical contact with soil and inhalation of wind blown dust from soil and ash. Receptors consist of workers on adjacent properties and nearby residents. A preliminary assessment was performed in November 1989, that also found high levels of dioxins (75.62 ppb) and lower levels of benzo(a)pyrene (0.4 ppm). The PRPs appear to have no funds available for remediation. A PRP Search is being conducted. The site is surrounded by a chain link fence. DTSC, using state funds, sprayed a dust suppressant polymer coating on conta- minated soil and ash in March 1990. DHS made an I/SE Determina- tion for this work in February 1990. Beginning in 1991, contractors began drafting a remedial investigation workplan to characterize contamination at the site. In May 1992, sampling was conducted and by May 1993, the Remedial Investigation/Feasibility Study was conducted. In December 1992, additional fencing was installed to enclose contaminated area identified from the RI. Existing fences were also repaired along the perimeter of the site. The Remedial Action Plan was incorporated into the RI/FS Report and finalized in June 1993. Also in June 1993, a CEQA notifica- tion was completed noting the DTSCs intent to file a Negative Declaration. A Phase I Potential Responsible Party Search was conducted June 1994. Records obtained from the owner/operator were analyzed to develop a strategy for the PRP search. Information Request letters were sent to contributors seeking information pertaining to material sent to the site for processing. The responses were presented in a report to DTSC. In November 1998, using its zone contractors, DTSC implemented the approved Remedial Action Plan. The remedial actions involved: 1)the demolition of the furnace building; 2)the on-site excava- tion and consolidation of the contaminated surface soil and associated ash pile into a consolidation pit; 3)the construction of an on-site concrete cap over the consolidated affected soil. In July 2003, a lien for the amount of $863,460.33 was recorded onto the title of the property. In May 2004, a Deed Restriction limiting the use of the site to industrial/commerical was recorded to the title of the property. DTSC will conduct an annual inspection of the cap.

DEED:
Name: UNITED METAL RECOVERY
Address: 12433 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Envirostor ID: 15330007
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

File Name: Envirostor Land Use Restrictions

CORTESE:

Name:	UNITED METAL RECOVERY
Address:	12433 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Region:	CORTESE
Envirostor Id:	15330007
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date:	06/01/1995
Site Code:	100177
Latitude:	35.002485
Longitude:	-118.15204
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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:	Haz Waste & Substances Sites

HIST CORTESE:

edr_fname:	UNITED METAL RECOVERY
edr_fadd1:	12403 UNITED
City,State,Zip:	MOJAVE, CA 93501
Region:	CORTESE
Facility County Code:	15
Reg By:	CALSI
Reg Id:	15330007

CERS:

Name:	UNITED METAL RECOVER
Address:	12433 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Site ID:	344252
CERS ID:	15330007
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Supervisor
Entity Name:	KEVIN SHADDY
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:	Not reported

UNITED METAL RECOVERY (Continued) **S100183840**

Affiliation Type Desc:	Lead Project Manager
Entity Name:	DANNY DOMINGO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CLOVIS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DG818 **VESTAS AMERICAN WIND TECHNOLOGY INC** **RCRA NonGen / NLR** **1024845439**
North **6703 OAK CREEK RD** **CAL000398585**
< 1/8 **MOJAVE, CA 93501**
0.027 mi.
143 ft. **Site 1 of 4 in cluster DG**

Actual:
3196 ft.

Focus Map:
14

RCRA NonGen / NLR:

Date form received by agency:	2014-07-10 00:00:00.0
Facility name:	VESTAS AMERICAN WIND TECHNOLOGY INC
Facility address:	6703 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAL000398585
Mailing address:	8560 OAK CREEK RD MOJAVE, CA 93501
Contact:	JESSE SANCHEZ
Contact address:	8560 OAK CREEK RD 16409 K STREET MOJAVE, CA 93501-0000
Contact country:	Not reported
Contact telephone:	661-221-1354
Contact email:	JESNZ@VESTAS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JESSE SANCHEZ
Owner/operator address:	8560 OAK CREEK RD 16409 K STREET MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-221-1354
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VESTAS AMERICAN WIND TECHNOLOGY INC
Owner/operator address:	16409 K ST MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-221-1354
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **1024845439**

Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DG819 **BROOKFIELD RENEWABLE ENERGY** **RCRA NonGen / NLR** **1024846767**
North **6703 OAK CREEK RD** **CAL000401169**
< 1/8 **MOJAVE, CA 93501**
0.027 mi.
143 ft. **Site 2 of 4 in cluster DG**

Actual:
3196 ft.

Focus Map:
14

RCRA NonGen / NLR:
Date form received by agency: 2014-10-08 00:00:00.0
Facility name: BROOKFIELD RENEWABLE ENERGY
Facility address: 6703 OAK CREEK RD
MOJAVE, CA 93501
EPA ID: CAL000401169
Contact: JOHN BURKHART
Contact address: 6703 OAK CREEK RD
MOJAVE, CA 93501
Contact country: Not reported
Contact telephone: 661-823-2115
Contact email: JOHN.BURKHART@BROOKFIELDRENEWABLE.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: JOHN BURKHART
Owner/operator address: 6703 OAK CREEK RD
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-823-2115
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported

BROOKFIELD RENEWABLE ENERGY (Continued) **1024846767**

Owner/Op end date: Not reported

Owner/operator name: BROOKFIELD RENEWABLE ENERGY GROUP
Owner/operator address: 75 STATE ST
BOSTON, MA 02109
Owner/operator country: Not reported
Owner/operator telephone: 508-251-7696
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DG820 **BROOKFIELD TEHACHAPI** **AST** **A100417837**
North **6703 OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.027 mi.
143 ft. **Site 3 of 4 in cluster DG**

Actual:
3196 ft.

Focus Map:
14

AST:
Name: BROOKFIELD TEHACHAPI
Address: 6703 OAK CREEK RD
City/Zip: MOJAVE,93501
Certified Unified Program Agencies: Not reported
Owner: Brookfield Renewable Energy
Total Gallons: Not reported
CERSID: 10587889
Facility ID: Not reported
Business Name: Brookfield Renewable Energy
Phone: 661-823-2100
Fax: Not reported
Mailing Address: 601 S. Figueroa #2200
Mailing Address City: Los Angeles
Mailing Address State: CA
Mailing Address Zip Code: 90017
Operator Name: Brookfield Renewable Energy
Operator Phone: 661-823-2107

BROOKFIELD TEHACHAPI (Continued) **A100417837**

Owner Phone:	(661) 824-3192
Owner Mail Address:	200 Donald Lynch Blvd
Owner State:	MA
Owner Zip Code:	1752
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:	CAL000377635

DG821 **VESTAS AMERICAN WIND TECHNOLOGY INC** **CERS HAZ WASTE** **S118236523**
North **6703 OAK CREEK RD** **CERS TANKS** **N/A**
< 1/8 **MOJAVE, CA 93501** **HAZNET**
0.027 mi. **CERS**
143 ft. **Site 4 of 4 in cluster DG** **HWTS**

Actual:
3196 ft.

Focus Map:
14

CERS HAZ WASTE:

Name:	BROOKFIELD TEHACHAPI
Address:	6703 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	100188
CERS ID:	10587889
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	BROOKFIELD TEHACHAPI
Address:	6703 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	100188
CERS ID:	10587889
CERS Description:	Aboveground Petroleum Storage

HAZNET:

Name:	YESTAS AMERICAN WIND TECHNOLOGY INC
Address:	6703 OAK CREEK RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	CURTIS HALLENBECK
Telephone:	5032656923
Mailing Name:	Not reported
Mailing Address:	8560 OAK CREEK RD
Year:	2014
Gepaid:	CAL000398585
TSD EPA ID:	CAD980675276
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.375

Additional Info:

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Year:	2014
Gen EPA ID:	CAL000398585
Shipment Date:	20141223
Creation Date:	3/20/2015 22:14:48
Receipt Date:	20141230
Manifest ID:	004395088SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS 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
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
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:	20141111
Creation Date:	2/7/2015 22:15:11
Receipt Date:	20141118
Manifest ID:	004524377SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS 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
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.065
Waste Quantity:	130
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:	20141111
Creation Date:	2/7/2015 22:15:11
Receipt Date:	20141118
Manifest ID:	004524377SKS

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS 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
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.065
Waste Quantity:	130
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:	20140910
Creation Date:	12/18/2014 22:14:48
Receipt Date:	20140924
Manifest ID:	004397251SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.14
Waste Quantity:	280
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:	20140910
Creation Date:	12/18/2014 22:14:48
Receipt Date:	20140924
Manifest ID:	004397251SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.03
Waste Quantity: 60
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: BROOKFIELD TEHACHAPI
Address: 6703 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 100188
CERS ID: 10587889
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 100188
Site Name: Brookfield Tehachapi
Violation Date: 06-28-2018
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 07/28/2018. Observed that only the waste tanks and waste oil is being inspected and logged each week. Please add all the fresh oils to the weekly inspection and weekly inspection logs. Please keep all inspection logs for a period of at least 3 years. Send a copy of the completed inspection log to Elizabeth King at kingel@kerncounty.com
Violation Division: Kern County Env Health Services Department
Violation Program: APSA
Violation Source: CERS

Site ID: 100188
Site Name: Brookfield Tehachapi
Violation Date: 06-28-2018
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 07/28/2018. Please report the amount of fresh oil in all the turbines and then submit in CERS.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Site ID: 100188
Site Name: Brookfield Tehachapi
Violation Date: 02-25-2014
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 11/25/2014. Failure to submit in CERS
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 100188
Site Name: Brookfield Tehachapi
Violation Date: 06-28-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 07/28/2018. Observed waste oil in secondary containment under the fresh oil drums. Please have the fresh oil pumped out of the secondary containment and ensure that all containment remains clean and free from any liquid or debris. Send a photo of the clean secondary containment to Elizabeth King at kingel@kerncounty.com
Violation Division: Kern County Env Health Services Department
Violation Program: HW
Violation Source: CERS

Site ID: 100188
Site Name: Brookfield Tehachapi
Violation Date: 06-28-2018
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 and portable tanks 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 07/28/2018. Facility lacking adequate hazardous waste labels on the used oil and the used antifreeze drums. Please properly label both drums and then send pictures of the properly labeled drums to Elizabeth King at kingel@kerncounty.com
Violation Division: Kern County Env Health Services Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Routine done by local agency

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-25-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-28-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 100188
Site Name: Brookfield Tehachapi
Site Address: 6703 OAK CREEK RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 02-25-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 100188
Site Name: Brookfield Tehachapi
Site Address: 6703 OAK CREEK RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 04-30-2014
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Coordinates:

Site ID:	100188
Facility Name:	Brookfield Tehachapi
Env Int Type Code:	HWG
Program ID:	10587889
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	35.039254
Longitude:	-118.251211

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	6703 Oak Creek Road
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Brookfield Renewable Energy
Entity Title:	Not reported
Affiliation Address:	6703 Oak Creek Road
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 823-2100

Affiliation Type Desc:	Environmental Contact
Entity Name:	Deborah Stanyer
Entity Title:	Not reported
Affiliation Address:	301-4400 Marine Ave
Affiliation City:	Powell River
Affiliation State:	BC
Affiliation Country:	Not reported
Affiliation Zip:	V8A 2K1
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Deborah Stanyer
Entity Title:	Manager, Licensing and Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Brookfield Renewable Energy
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (661) 823-2101

Affiliation Type Desc: Parent Corporation
Entity Name: Brookfield Renewable Energy
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: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Kern County Environmental Health Services Departme
Entity Title: Not reported
Affiliation Address: 2700 M Street, Suite 300
Affiliation City: Bakersfield
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93301-2370
Affiliation Phone: (661) 862-8740

Affiliation Type Desc: Document Preparer
Entity Name: Deborah Stanyer
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: Not reported

HWTS:
Name: VESTAS AMERICAN WIND TECHNOLOGY INC
Address: 6703 OAK CREEK RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
EPA ID: CAL000398585
Inactive Date: 06/30/2019
Create Date: 07/10/2014
Last Act Date: 08/12/2019
Mailing Name: Not reported
Mailing Address: 8560 OAK CREEK RD
Mailing Address 2: Not reported
Mailing City,State,Zip: MOJAVE, CA 93501
Owner Name: VESTAS AMERICAN WIND TECHNOLOGY INC
Owner Address: 8560 OAK CREEK RD
Owner Address 2: Not reported
Owner City,State,Zip: MOJAVE, CA 935017758
Contact Name: JESSE SANCHEZ
Contact Address: 8560 OAK CREEK RD
Contact Address 2: 16409 K STREET
City,State,Zip: MOJAVE, CA 935010000

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **S118236523**

NAICS:

EPA ID:	CAL000398585
Create Date:	2014-07-10 09:31:48
NAICS Code:	221122
NAICS Description:	Electric Power Distribution
Issued EPA ID Date:	2014-07-10 09:31:48
Inactive Date:	2019-06-30 00:00:00
Facility Name:	VESTAS AMERICAN WIND TECHNOLOGY INC
Facility Address:	6703 OAK CREEK RD
Facility Address 2:	Not reported
Facility City:	MOJAVE
Facility County:	15
Facility State:	CA
Facility Zip:	93501

DH822 **VISTA METALS INC** **AST** **S112867322**
West **9350 OAK CREEK RD** **CERS HAZ WASTE** **N/A**
< 1/8 **MOJAVE, CA 93501** **CERS TANKS**
0.044 mi. **HAZNET**
234 ft. **Site 1 of 12 in cluster DH** **NPDES**
CIWQS
Actual: **CERS**
3495 ft. **HWTS**

Focus Map:
13

AST:

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City/Zip:	MOJAVE,93501
Certified Unified Program Agencies:	Not reported
Owner:	CALPORTLAND COMPANY
Total Gallons:	Not reported
CERSID:	10154991
Facility ID:	Not reported
Business Name:	CalPortland Company
Phone:	(661) 823-3731
Fax:	(661) 824-1033
Mailing Address:	9350 OAK CREEK ROAD
Mailing Address City:	MOJAVE
Mailing Address State:	CA
Mailing Address Zip Code:	93501
Operator Name:	CalPortland Company Mojave Plant
Operator Phone:	(661) 823-3710
Owner Phone:	(626) 852-6200
Owner Mail Address:	2025 E FINANCIAL WAY
Owner State:	CA
Owner Zip Code:	91741
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:	CAD008256315

VISTA METALS INC (Continued) **S112867322**

CERS HAZ WASTE:
Name: CALPORTLAND COMPANY
Address: 9350 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 102355
CERS ID: 10154991
CERS Description: Hazardous Chemical Management

Name: CALPORTLAND COMPANY
Address: 9350 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 102355
CERS ID: 10154991
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: CALPORTLAND COMPANY
Address: 9350 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 102355
CERS ID: 10154991
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: VISTA METALS INC
Address: 9350 OAK CREEK RD
Address 2: Not reported
City,State,Zip: MOJAVE, CA 935010000
Contact: ROBERT PRAESKE VP
Telephone: 9098234278
Mailing Name: Not reported
Mailing Address: 13425 WHITTIAM AVE

Year: 1996
Gepaid: CAC001110160
TSD EPA ID: CAD067786749
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 33.712

Additional Info:
Year: 1996
Gen EPA ID: CAC001110160

Shipment Date: 19960610
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960611
Manifest ID: 96164498
Trans EPA ID: CAD000048934
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD067786749
Trans Name: Not reported

VISTA METALS INC (Continued) **S112867322**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
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

NPDES:

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Facility Status:	Active
NPDES Number:	CAS000001
Region:	6B
Agency Number:	0
Regulatory Measure ID:	203975
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	6B15I006255
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/22/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2025 E Financial Way
Discharge Name:	CalPortland Co
Discharge City:	Glendora
Discharge State:	California
Discharge Zip:	91741
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	203975
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I006255
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

VISTA METALS INC (Continued) **S112867322**

Effective Date Of Regulatory Measure:	04/22/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	CalPortland Co
Discharge Address:	2025 E Financial Way
Discharge City:	Glendora
Discharge State:	California
Discharge Zip:	91741
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 Commertial 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

VISTA METALS INC (Continued) **S112867322**

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:	6B
Regulatory Measure ID:	203975
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I006255
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:	05/21/2009
Processed Date:	04/22/1992
Status:	Active
Status Date:	04/22/1992
Place Size:	540
Place Size Unit:	Acres
Contact:	Ron DuMond
Contact Title:	Plant Manager
Contact Phone:	661-823-3765
Contact Phone Ext:	Not reported
Contact Email:	rdumond@calportland.com
Operator Name:	CalPortland Co
Operator Address:	2025 E Financial Way
Operator City:	Glendora
Operator State:	California
Operator Zip:	91741
Operator Contact:	Brian Males
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	661-823-3731
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bmales@calportland.com
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

VISTA METALS INC (Continued) **S112867322**

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 Commertial 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:	Oak Creek Drainage
Certifier:	Ronald DuMond
Certifier Title:	Plant Manager
Certification Date:	06-MAY-15
Primary Sic:	3241-Cement, Hydraulic
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
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:	6B15I006255
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:	04/22/1992
Operator Name:	CalPortland Co
Operator Address:	2025 E Financial Way
Operator City:	Glendora
Operator State:	California
Operator Zip:	91741

VISTA METALS INC (Continued) **S112867322**

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	203975
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I006255
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/22/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	CalPortland Co
Discharge Address:	2025 E Financial Way
Discharge City:	Glendora
Discharge State:	California
Discharge Zip:	91741
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 Commertial Ind:	Not reported

VISTA METALS INC (Continued) **S112867322**

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:	6B
Regulatory Measure ID:	203975
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I006255
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:	05/21/2009
Processed Date:	04/22/1992
Status:	Active
Status Date:	04/22/1992
Place Size:	540
Place Size Unit:	Acres
Contact:	Ron DuMond
Contact Title:	Plant Manager
Contact Phone:	661-823-3765
Contact Phone Ext:	Not reported
Contact Email:	rdumond@calportland.com
Operator Name:	CalPortland Co
Operator Address:	2025 E Financial Way
Operator City:	Glendora
Operator State:	California
Operator Zip:	91741
Operator Contact:	Brian Males
Operator Contact Title:	Environmental Manager

VISTA METALS INC (Continued) **S112867322**

Operator Contact Phone:	661-823-3731
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bmales@calportland.com
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:	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 Commertial 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:	Oak Creek Drainage
Certifier:	Ronald DuMond
Certifier Title:	Plant Manager
Certification Date:	06-MAY-15
Primary Sic:	3241-Cement, Hydraulic
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Agency:	CalPortland Co
Agency Address:	2025 E Financial Way, Glendora, CA 91741
Place/Project Type:	Industrial - Cement, Hydraulic
SIC/NAICS:	3241
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I006255
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/22/1992

VISTA METALS INC (Continued) **S112867322**

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:	35.03932
Longitude:	-118.30175

CERS:

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	102355
CERS ID:	241177
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	05-04-2016
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 10/03/2016. Reference to location of hazardous materials on site map is inaccurate. Review and update site map. Submit updated site map into CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	05-04-2016
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 05/31/2016. Empty containers are not properly labeled with the word "EMPTY" and the date when emptied. Properly label and store empty containers.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	01-13-2010
Citation:	01002 - Search Title 8 regulations for 6982 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

VISTA METALS INC (Continued) **S112867322**

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 11-03-2011
Citation: 01005 - Search Title 8 regulations for 6982 E at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description: Cal/OSHA Violation
Violation Notes: Not reported
Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 09-03-2008
Citation: 01001 - Search Title 8 regulations for 24050002 F at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description: Cal/OSHA Violation
Violation Notes: Not reported
Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 06-08-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/17/2017. Ensure all hazardous waste containers have appropriate labeling indicating the following - contents - accumulation start date - the wards "hazardous waste" - the composition and physical state of the waste - a statement that calls attention to the particular hazard of the waste (ie. toxic, flammable, ignitable, ect.) - the name and address of the facility producing the waste If containers are empty or out of service they should be labeled as such.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-01-2018
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 07/20/2018. The following corrections shall be made to the facility's inventory within 30 days: 1. Correct white vinegar and auto shampoo quantities in Butler Building to inventory; 2. Add two, 100 pound propane cylinders at Brick Storage location; 3. Add five, 381 cubic foot cylinders of NOS at Brick Storage Location; 4. Largest container, Average Daily Amount, and Maximum Daily Amount shall be corrected for all materials on inventory; 5. All hazardous

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materials which meet or exceed threshold amounts shall be added to the inventory.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-15-2015
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 training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/29/2015. Submit Training Program on line using attached form.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-15-2015
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 05/19/2015. PROVIDE ADDITIONAL 8X11 MAPS SHOWING GREATER DETAIL OF CHEMICAL STORAGE AREAS
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CalPortland Company does not consolidate waste generated at a remote

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facility. Update the activities in CERS.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2012
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The landfill and slurry impoundments are in closure and post-closure monitoring. The landfill has been clean-closed and the cover is in good condition. The slurry impoundments appear to be intact, slopes appear to be stable, no erosion noted. All monitoring wells are intact and operable. Board Order No. 6-01-54 (10/10/2001). The facility is under an Industrial Storm Water Permit. The SWPPP kept on-site is signed and was last updated April 2010. Employee training records were up to date and kept in a seperate file with the SWPPP. Minor housekeeping issues related to wind blown debris and coal dust into the drainage channels on the east and west sides of the site. Board Order No. 97-03 DWQ (04/22/1992). No violations noted.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Occupational Safety and Health Administration Inspection
Eval Date: 08-12-2008
Violations Found: Yes
Eval Type: Cal/OSHA Inspection
Eval Notes: Not reported
Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2012
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Water Board staff inspected site for SWPPP compliance. SWPPP was available on site, and Water Board staff reviewed it with Mike Kirby present. SWPPP was found to be adequate. Two storm water sampling locations are on site, one east and one west; both are marked on the map included in their SWPPP. Water board inspected both sampling locations; the north location carries the continuous stream of cooling tower blow down, so the culvert and channel always have some water. No evidence of distressed vegetation or contamination were noted at either sampling location. The south water channel is dry except during heavy rain storms, and that location showed no signs of erosion damage. Hazardous chemical storage and drum labelling was found to be

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satisfactory with the exception of 5 un-labelled drums near the roll-up door of the machine shop. Water Board staff asked Mr. Kirby to label all empty drums as "empty" and send photos of that, or simply remove the empty drums from the site. Water Board staff gave Mr. Kirby 60 days to comply.

Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2019
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Tom Browne of the Lahontan Regional Water Board, Victorville, met Brian Males of CalPortland Cement, Mojave, for a combined WDR and industrial stormwater inspection. We inspected the 3 stormwater runoff sample locations, the exposed piles of raw materials, fuel storage tanks, and the maintenance shops. We inspected the cooling towers. We inspected the engineered concrete-lined V-ditch that conveys stormwater off concrete surfaces, around the admin building, toward SWPPP sample location 3. One of the stormwater sampling locations - the northernmost - had been moved about 50 feet downstream for reasons of safety: the embankment is natural earth and it has eroded. Water Board staff approve of this change in sample location. Raw material piles were in good condition and posed no threat to run-off contamination. Housekeeping practices and hazardous waste segregation and storage practices were excellent. No violations were observed, and no issues to correct.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2010
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is signed and was last updated April 2010; employee training records were up to date and kept in a seperate file with the SWPPP; minor housekeeping issues related to secondary containment of hazardous waste storage areas; minor housekeeping issues related to material stockpiling and recycling on top of former Cement Kiln Dust areas; Board Order No. 97-03 DWQ (04/22/1992).
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection

VISTA METALS INC (Continued) **S112867322**

Eval Date:	05-04-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Ensure all the hazardous waste containers are closed when not being filled.
Eval Division:	Kern County Env Health Services Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-15-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete weekly inspections of waste areas. Review ERM information attached. All waste must be labeled and dated.
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	08-23-2011
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	10-14-2005
Violations Found:	No
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	11-19-2009
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2003

VISTA METALS INC (Continued) **S112867322**

Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	02-03-2012
Violations Found:	No
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2011
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	The Landfill and Slurry Impoundments are in closure and post-closure monitoring; the Landfill has been clean-closed, the cover is in good condition; the Slurry Impoundments appear to be intact, no soil cover has been placed per WDRs; all monitoring wells are intact and operable; slopes appear stable, no erosion noted; Board Order No. 6-01-54 (10/10/2001). The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is signed and was last updated April 2010; employee training records were up to date and kept in a seperate file with the SWPPP; minor housekeeping issues related to material stockpiling and recycling on top of former Cement Kiln Dust areas; minor housekeeping issues related to wind blown debris in the drainage channels on the east and west sides of the site. Board Order No. 97-03 DWQ (04/22/1992). No violations noted.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-01-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-04-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	The SPCC is in the process of a review and update.
Eval Division:	Kern County Env Health Services Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-11-2013

VISTA METALS INC (Continued) **S112867322**

Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Water Board staff Tom Browne inspected Cal Portland cement on 11 December 2013, hosted by Mike Kirby, plant environmental compliance manager, and Desirae Haggard, environmental compliance engineer from their corporate office in Glendora, CA. We inspected the Ready-Mix plant, maintenance shops, coal storage, fuel oil storage, spare parts collection yard, and hazardous waste storage areas. Housekeeping practices (spill clean up) could be improved around the waste oil tank. No violations were noted. The current SWPPP for the cement plant has only 2 sampling locations for run-off. This inspection identified a third run-off source, a culvert flowing south, located between the former cement kiln dust disposal location and the outdoor equipment parts yard. Two each, 3 foot diameter steel culverts carry stormwater off the plant, beneath the railroad tracks, into this culvert. The culvert contained much wind-blown trash and had a small pool of water at the outlet of the culverts. This additional run-off location may warrant modifying the SWPPP to include a third sample location for the SWPPP of the cement plant; Water Board staff to disucss this further with Cal Portland staff.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Occupational Safety and Health Administration Inspection
Eval Date: 12-29-2008
Violations Found: No
Eval Type: Cal/OSHA Inspection
Eval Notes: Not reported
Eval Division: Cal/OSHA
Eval Program: OSHA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-13-2001
Violations Found: No
Eval Type: Construction Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department

VISTA METALS INC (Continued) **S112867322**

Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Calculate the quantity of ammonium hydroxide and update in CERS.
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Maintain labels on hazardous materials containers. CalPortland Company does not consolidate waste generated at a remote site. Update the activities in CERS.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2009
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is unsigned and missing appendices; employee training records were not up to date; minor housekeeping issues related to secondary containment of hazardous waste storage areas; western stormwater sampling location is not adequate to capture runoff from the plant; eastern stormwater sampling location is adequate to capture runoff from the site; Board Order No. 97-03 DWQ (04/22/1992).
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Other/Unknown
Eval Date: 10-15-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

VISTA METALS INC (Continued) **S112867322**

Enforcement Action:

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Site Address:	9350 OAK CREEK RD
Site City:	MOJAVE
Site Zip:	93501
Enf Action Date:	05-15-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Kern County Env Health Services Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Brian Males
Entity Title:	Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

Affiliation Type Desc:	Legal Owner
Entity Name:	CalPortland Company
Entity Title:	Not reported
Affiliation Address:	2025 E FINANCIAL WAY
Affiliation City:	GLENDORA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91741
Affiliation Phone:	(626) 852-6200

Affiliation Type Desc:	Document Preparer
Entity Name:	Brian Males
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:	Not reported

Affiliation Type Desc:	Environmental Contact

VISTA METALS INC (Continued) **S112867322**

Entity Name: BRIAN MALES
Entity Title: Not reported
Affiliation Address: 9350 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 9350 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: CalPortland Company Mojave Plant
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: (661) 823-3710

Affiliation Type Desc: Owner/Operator
Entity Name: CalPortland Co
Entity Title: Operator
Affiliation Address: 2025 E Financial Way
Affiliation City: Glendora
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91741
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: CalPortland Company
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: Not reported

Name: CALPORTLAND COMPANY
Address: 9350 OAK CREEK RD
City,State,Zip: MOJAVE, CA 93501
Site ID: 102355
CERS ID: 10154991
CERS Description: Chemical Storage Facilities

VISTA METALS INC (Continued) **S112867322**

Violations:

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	05-04-2016
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 10/03/2016. Reference to location of hazardous materials on site map is inaccurate. Review and update site map. Submit updated site map into CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	05-04-2016
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 05/31/2016. Empty containers are not properly labeled with the word "EMPTY" and the date when emptied. Properly label and store empty containers.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	01-13-2010
Citation:	01002 - Search Title 8 regulations for 6982 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	11-03-2011
Citation:	01005 - Search Title 8 regulations for 6982 E at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Site ID:	102355
Site Name:	CALPORTLAND COMPANY
Violation Date:	09-03-2008
Citation:	01001 - Search Title 8 regulations for 24050002 F at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported

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Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 06-08-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/17/2017. Ensure all hazardous waste containers have appropriate labeling indicating the following - contents - accumulation start date - the wards "hazardous waste" - the composition and physical state of the waste - a statement that calls attention to the particular hazard of the waste (ie. toxic, flammable, ignitable, ect.) - the name and address of the facility producing the waste If containers are empty or out of service they should be labeled as such.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-01-2018
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 07/20/2018. The following corrections shall be made to the facility's inventory within 30 days: 1. Correct white vinegar and auto shampoo quantities in Butler Building to inventory; 2. Add two, 100 pound propane cylinders at Brick Storage location; 3. Add five, 381 cubic foot cylinders of NOS at Brick Storage Location; 4. Largest container, Average Daily Amount, and Maximum Daily Amount shall be corrected for all materials on inventory; 5. All hazardous materials which meet or exceed threshold amounts shall be added to the inventory.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-15-2015
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 training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/29/2015. Submit Training Program on line using attached form.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP

VISTA METALS INC (Continued) **S112867322**

Violation Source: CERS

Site ID: 102355
Site Name: CALPORTLAND COMPANY
Violation Date: 05-15-2015
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 05/19/2015. PROVIDE ADDITIONAL 8X11 MAPS SHOWING GREATER DETAIL OF CHEMICAL STORAGE AREAS
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HWRecycler
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CalPortland Company does not consolidate waste generated at a remote facility. Update the activities in CERS.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2012
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation

VISTA METALS INC (Continued) **S112867322**

Eval Notes:	The landfill and slurry impoundments are in closure and post-closure monitoring. The landfill has been clean-closed and the cover is in good condition. The slurry impoundments appear to be intact, slopes appear to be stable, no erosion noted. All monitoring wells are intact and operable. Board Order No. 6-01-54 (10/10/2001). The facility is under an Industrial Storm Water Permit. The SWPPP kept on-site is signed and was last updated April 2010. Employee training records were up to date and kept in a seperate file with the SWPPP. Minor housekeeping issues related to wind blown debris and coal dust into the drainage channels on the east and west sides of the site. Board Order No. 97-03 DWQ (04/22/1992). No violations noted.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	08-12-2008
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2012
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Water Board staff inspected site for SWPPP compliance. SWPPP was available on site, and Water Board staff reviewed it with Mike Kirby present. SWPPP was found to be adequate. Two storm water sampling locations are on site, one east and one west; both are marked on the map included in their SWPPP. Water board inspected both sampling locations; the north location carries the continuous stream of cooling tower blow down, so the culvert and channel always have some water. No evidence of distressed vegetation or contamination were noted at either sampling location. The south water channel is dry except during heavy rain storms, and that location showed no signs of erosion damage. Hazardous chemical storage and drum labelling was found to be satisfactory with the exception of 5 un-labelled drums near the roll-up door of the machine shop. Water Board staff asked Mr. Kirby to label all empty drums as "empty" and send photos of that, or simply remove the empty drums from the site. Water Board staff gave Mr. Kirby 60 days to comply.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-09-2019
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Tom Browne of the Lahontan Regional Water Board, Victorville, met Brian Males of CalPortland Cement, Mojave, for a combined WDR and industrial stormwater inspection. We inspected the 3 stormwater runoff sample locations, the exposed piles of raw materials, fuel storage tanks, and the maintenance shops. We inspected the cooling towers. We

VISTA METALS INC (Continued) **S112867322**

inspected the engineered concrete-lined V-ditch that conveys stormwater off concrete surfaces, around the admin building, toward SWPPP sample location 3. One of the stormwater sampling locations - the northernmost - had been moved about 50 feet downstream for reasons of safety: the embankment is natural earth and it has eroded. Water Board staff approve of this change in sample location. Raw material piles were in good condition and posed no threat to run-off contamination. Housekeeping practices and hazardous waste segregation and storage practices were excellent. No violations were observed, and no issues to correct.

Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-2010
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is signed and was last updated April 2010; employee training records were up to date and kept in a seperate file with the SWPPP; minor housekeeping issues related to secondary containment of hazardous waste storage areas; minor housekeeping issues related to material stockpiling and recycling on top of former Cement Kiln Dust areas; Board Order No. 97-03 DWQ (04/22/1992).
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Ensure all the hazardous waste containers are closed when not being filled.
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-15-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

VISTA METALS INC (Continued) **S112867322**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-15-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete weekly inspections of waste areas. Review ERM information attached. All waste must be labeled and dated.
Eval Division:	Kern County Env Health Services Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	08-23-2011
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	10-14-2005
Violations Found:	No
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	11-19-2009
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-23-2003
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	02-03-2012
Violations Found:	No
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-29-2011

VISTA METALS INC (Continued) **S112867322**

Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The Landfill and Slurry Impoundments are in closure and post-closure monitoring; the Landfill has been clean-closed, the cover is in good condition; the Slurry Impoundments appear to be intact, no soil cover has been placed per WDRs; all monitoring wells are intact and operable; slopes appear stable, no erosion noted; Board Order No. 6-01-54 (10/10/2001). The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is signed and was last updated April 2010; employee training records were up to date and kept in a seperate file with the SWPPP; minor housekeeping issues related to material stockpiling and recycling on top of former Cement Kiln Dust areas; minor housekeeping issues related to wind blown debris in the drainage channels on the east and west sides of the site. Board Order No. 97-03 DWQ (04/22/1992). No violations noted.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The SPCC is in the process of a review and update.
Eval Division: Kern County Env Health Services Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Water Board staff Tom Browne inspected Cal Portland cement on 11 December 2013, hosted by Mike Kirby, plant environmental compliance manager, and Desirae Haggard, environmental compliance engineer from their corporate office in Glendora, CA. We inspected the Ready-Mix plant, maintenance shops, coal storage, fuel oil storage, spare parts collection yard, and hazardous waste storage areas. Housekeeping practices (spill clean up) could be improved around the waste oil tank. No violations were noted. The current SWPPP for the cement plant has only 2 sampling locations for run-off. This inspection identified a third run-off source, a culvert flowing south, located between the former cement kiln dust disposal location and the outdoor equipment parts yard. Two each, 3 foot diameter steel culverts carry stormwater off the plant, beneath the railroad tracks, into this culvert. The culvert contained much wind-blown trash and had a small pool of water at the outlet of the culverts. This additional run-off location may warrant modifying the SWPPP to include a third sample location for the

VISTA METALS INC (Continued) **S112867322**

	SWPPP of the cement plant; Water Board staff to disucss this further with Cal Portland staff.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	12-29-2008
Violations Found:	No
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-13-2001
Violations Found:	No
Eval Type:	Construction Storm Water Compliance Evaluation
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Kern County Env Health Services Department
Eval Program:	HWRecycler
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-04-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Calculate the quantity of ammonium hydroxide and update in CERS.
Eval Division:	Kern County Env Health Services Department

VISTA METALS INC (Continued) **S112867322**

Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Maintain labels on hazardous materials containers. CalPortland Company does not consolidate waste generated at a remote site. Update the activities in CERS.
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2009
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The facility is under an Industrial Storm Water Permit; SWPPP kept on-site is unsigned and missing appendices; employee training records were not up to date; minor housekeeping issues related to secondary containment of hazardous waste storage areas; western stormwater sampling location is not adequate to capture runoff from the plant; eastern stormwater sampling location is adequate to capture runoff from the site; Board Order No. 97-03 DWQ (04/22/1992).
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Other/Unknown
Eval Date: 10-15-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: CalARP
Eval Source: CERS

Enforcement Action:
Site ID: 102355
Site Name: CALPORTLAND COMPANY
Site Address: 9350 OAK CREEK RD
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 05-15-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Brian Males
Entity Title: Environmental Manager

VISTA METALS INC (Continued) **S112867322**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Legal Owner
Entity Name:	CalPortland Company
Entity Title:	Not reported
Affiliation Address:	2025 E FINANCIAL WAY
Affiliation City:	GLENDORA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91741
Affiliation Phone:	(626) 852-6200
Affiliation Type Desc:	Document Preparer
Entity Name:	Brian Males
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:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	BRIAN MALES
Entity Title:	Not reported
Affiliation Address:	9350 OAK CREEK ROAD
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9350 OAK CREEK ROAD
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

VISTA METALS INC (Continued) **S112867322**

Affiliation Type Desc:	Operator
Entity Name:	CalPortland Company Mojave Plant
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:	(661) 823-3710

Affiliation Type Desc:	Owner/Operator
Entity Name:	CalPortland Co
Entity Title:	Operator
Affiliation Address:	2025 E Financial Way
Affiliation City:	Glendora
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91741
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	CalPortland Company
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:	Not reported

HWTS:

Name:	VISTA METALS INC
Address:	9350 OAK CREEK RD
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 935010000
EPA ID:	CAC001110160
Inactive Date:	10/25/2000
Create Date:	06/07/1996
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	13425 WHITTIAM AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FONTANA, CA 923350000
Owner Name:	VISTA METALS INC
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	ROBERT PRAESKE VP
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

DH823 **CALPORTLAND COMPANY** **UST** **U004224822**
West **9350 OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 2 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

KERN CO. UST:

Name:	CALPORTLAND COMPANY
Address:	9350 OAK CREEK RD
City:	MOJAVE
Region:	Kern
Facility ID:	FA0003180
CERSID:	10154991
Owner Id:	Not reported
Owner Name:	Not reported
Tank Num:	600017
Tank Capacity:	15,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	01/01/1987
Date of Closure:	06/10/2004
Billing Status:	Inactive, non-billable
Mailing Address:	9350 OAK CREEK ROAD
Mailing Address (care of):	CalPortland Company Mojave Plant
Mailing City/State/Zip:	MOJAVE, CA 93501
Tank Num:	600017
Tank Capacity:	5,000
Common Name:	Not reported
Description:	REGULAR UNLEADED
Number of Compartments:	Not reported
Install Date:	01/01/1987
Date of Closure:	06/10/2004
Billing Status:	Inactive, non-billable
Mailing Address:	9350 OAK CREEK ROAD
Mailing Address (care of):	CalPortland Company Mojave Plant
Mailing City/State/Zip:	MOJAVE, CA 93501
Tank Num:	600017
Tank Capacity:	15,000
Common Name:	Not reported
Description:	DIESEL
Number of Compartments:	Not reported
Install Date:	01/01/1987
Date of Closure:	06/10/2004
Billing Status:	Inactive, non-billable
Mailing Address:	9350 OAK CREEK ROAD
Mailing Address (care of):	CalPortland Company Mojave Plant
Mailing City/State/Zip:	MOJAVE, CA 93501

DH824 **SCREENING PLANT B** **US MINES** **1024906844**
West **9350 OAK CREEK ROAD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 3 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

MINES VIOLATIONS:

Name:	SCREENING PLANT B
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	6349687
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/07/2003
Title 30 Code of Federal Regulations:	56.1000
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349689
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/05/2003
Title 30 Code of Federal Regulations:	56.9300(a)
Proposed Penalty:	113
Assessment Amount:	113
Paid Penalty Amount:	113
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003

SCREENING PLANT B (Continued) **1024906844**

Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349690
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/04/2003
Title 30 Code of Federal Regulations:	56.15002
Proposed Penalty:	69
Assessment Amount:	69
Paid Penalty Amount:	69
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349691
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/10/2003

SCREENING PLANT B (Continued) **1024906844**

Title 30 Code of Federal Regulations:	56.11001
Proposed Penalty:	66
Assessment Amount:	66
Paid Penalty Amount:	66
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349692
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/10/2003
Title 30 Code of Federal Regulations:	56.14110
Proposed Penalty:	66
Assessment Amount:	66
Paid Penalty Amount:	66
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349693

SCREENING PLANT B (Continued) **1024906844**

Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	06/20/2003
Title 30 Code of Federal Regulations:	56.18010
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Violation Number:	6349694
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/07/2003
Title 30 Code of Federal Regulations:	50.30-1
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned

SCREENING PLANT B (Continued) **1024906844**

Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN
Violation Number:	6349695
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/10/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	06/20/2003
Title 30 Code of Federal Regulations:	46.3(a)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN
Violation Number:	6349696
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/10/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	03/11/2003
Title 30 Code of Federal Regulations:	56.14101(a)(2)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE

SCREENING PLANT B (Continued) **1024906844**

State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN
Violation Number:	6349697
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	03/10/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	03/11/2003
Title 30 Code of Federal Regulations:	56.15003
Proposed Penalty:	69
Assessment Amount:	69
Paid Penalty Amount:	69
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN
Violation Number:	6354613
Mine ID:	0405552
Contractor ID:	Not reported
Date Issued:	09/11/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/06/2003
Title 30 Code of Federal Regulations:	56.1000
Proposed Penalty:	60
Assessment Amount:	60
Paid Penalty Amount:	60

SCREENING PLANT B (Continued) **1024906844**

Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Yeager Skanska, Inc.
Zip:	93501
Mine Controller Name:	Skanska AB
Name:	SCREENING PLANT B
Ownership Date:	03/04/2003
Mine Status:	Abandoned
Status Date:	03/01/2004
Primary Site Description:	Sand, Common
Mine Type:	Surface
State 2:	CA
County:	KERN

Click this hyperlink while viewing on your computer to access
3 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

DH825 **MOJAVE PLANT-CALIF PORTLAND** **WMUDS/SWAT** **S101854341**
West **9350 OAK CREEK ROAD** **CHMIRS** **N/A**
< 1/8 **MOJAVE, CA 93501** **EMI**
0.044 mi. **ENF**
234 ft. **Site 4 of 12 in cluster DH** **WDS**
CIWQS
Actual: **CERS**
3495 ft.

Focus Map: WMUDS/SWAT:
13

Edit Date:	Not reported
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	NONCON
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	CALIFORNIA PORTLAND CEMENT CO
Agency Department:	Not reported
Agency Address:	PO BOX 910

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Agency City,St,Zip: MOJAVE CA 93502
Agency Contact: LEO MERCY
Agency Telephone: 8058242401
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: Not reported
Land Owner Contact: Not reported
Land Owner Phone: Not reported
Region: 6V
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 Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: Not reported
Primary SIC: 3271
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: Not reported
Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15: True
Regional Board Project Officer: Not reported
Number of WMUDS at Facility: 3
Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 6B152003001
Solid Waste Information ID: Not reported

CHMIRS:
Name: Not reported
Address: 9350 OAK CREEK ROAD
City,State,Zip: MOJAVE, CA 93501
OES Incident Number: 1-6051
OES notification: 10/11/2011
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

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

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:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	835
Year:	2011
Agency:	Portland Cement Mojave
Incident Date:	10/11/2011
Admin Agency:	Kern Co. Environmental Health Services Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	200
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:	RP states that while they were refueling the

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

portable re-fueler the auto shut off did not function causing the release of diesel to the concrete an the soil. The release has been contained and no waterways were impacted.

EMI:

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2000
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
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:	2
Carbon Monoxide Emissions Tons/Yr:	431
NOX - Oxides of Nitrogen Tons/Yr:	2874
SOX - Oxides of Sulphur Tons/Yr:	1168
Particulate Matter Tons/Yr:	329
Part. Matter 10 Micrometers and Smllr Tons/Yr:	297

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2001
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	431
NOX - Oxides of Nitrogen Tons/Yr:	3279
SOX - Oxides of Sulphur Tons/Yr:	743
Particulate Matter Tons/Yr:	367
Part. Matter 10 Micrometers and Smllr Tons/Yr:	335

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2002
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	463
NOX - Oxides of Nitrogen Tons/Yr:	3026
SOX - Oxides of Sulphur Tons/Yr:	929
Particulate Matter Tons/Yr:	279
Part. Matter 10 Micrometers and Smllr Tons/Yr:	275

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2003
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	16
Carbon Monoxide Emissions Tons/Yr:	456
NOX - Oxides of Nitrogen Tons/Yr:	2942
SOX - Oxides of Sulphur Tons/Yr:	941
Particulate Matter Tons/Yr:	481
Part. Matter 10 Micrometers and Smllr Tons/Yr:	329

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2004
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	19.994
Reactive Organic Gases Tons/Yr:	15.9041286
Carbon Monoxide Emissions Tons/Yr:	456.3
NOX - Oxides of Nitrogen Tons/Yr:	2974.92
SOX - Oxides of Sulphur Tons/Yr:	894.39
Particulate Matter Tons/Yr:	480.665
Part. Matter 10 Micrometers and Smllr Tons/Yr:	329.305

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2005
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	12.64617473862476204
Reactive Organic Gases Tons/Yr:	10.087
Carbon Monoxide Emissions Tons/Yr:	480.17
NOX - Oxides of Nitrogen Tons/Yr:	3125.67
SOX - Oxides of Sulphur Tons/Yr:	1135.7
Particulate Matter Tons/Yr:	513.9192740258968876
Part. Matter 10 Micrometers and Smllr Tons/Yr:	351.855

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2006
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	12.64617473862476204
Reactive Organic Gases Tons/Yr:	10.087
Carbon Monoxide Emissions Tons/Yr:	480.17
NOX - Oxides of Nitrogen Tons/Yr:	3125.67
SOX - Oxides of Sulphur Tons/Yr:	1135.7
Particulate Matter Tons/Yr:	513.9192740258968876
Part. Matter 10 Micrometers and Smllr Tons/Yr:	351.855

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 94523
Year:	2007
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	12.64617473862476204
Reactive Organic Gases Tons/Yr:	10.087
Carbon Monoxide Emissions Tons/Yr:	480.17
NOX - Oxides of Nitrogen Tons/Yr:	3125.67
SOX - Oxides of Sulphur Tons/Yr:	1135.7
Particulate Matter Tons/Yr:	513.9192740258968876
Part. Matter 10 Micrometers and Smllr Tons/Yr:	351.855

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2008
County Code:	15

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	5.326707657081937607
Reactive Organic Gases Tons/Yr:	4.275
Carbon Monoxide Emissions Tons/Yr:	716.73
NOX - Oxides of Nitrogen Tons/Yr:	3073.4
SOX - Oxides of Sulphur Tons/Yr:	966.31
Particulate Matter Tons/Yr:	377.6716118521535485
Part. Matter 10 Micrometers and Smllr Tons/Yr:	270.2

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2009
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.0782017008036
Reactive Organic Gases Tons/Yr:	11.984999999999999
Carbon Monoxide Emissions Tons/Yr:	361.57600000000002
NOX - Oxides of Nitrogen Tons/Yr:	2029.53
SOX - Oxides of Sulphur Tons/Yr:	845.40999999999997
Particulate Matter Tons/Yr:	350.66449445066598
Part. Matter 10 Micrometers and Smllr Tons/Yr:	261.80000000000001

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2010
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.4768640484834799
Reactive Organic Gases Tons/Yr:	2.8050000000000002
Carbon Monoxide Emissions Tons/Yr:	352.87
NOX - Oxides of Nitrogen Tons/Yr:	2345.9899999999998
SOX - Oxides of Sulphur Tons/Yr:	1089.47
Particulate Matter Tons/Yr:	413.84272986457501
Part. Matter 10 Micrometers and Smllr Tons/Yr:	308.86000000000001

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

City,State,Zip:	MOJAVE, CA 93501
Year:	2011
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.3287861943
Reactive Organic Gases Tons/Yr:	5.869
Carbon Monoxide Emissions Tons/Yr:	378.84
NOX - Oxides of Nitrogen Tons/Yr:	2203.75
SOX - Oxides of Sulphur Tons/Yr:	790.454
Particulate Matter Tons/Yr:	419.94692623
Part. Matter 10 Micrometers and Smllr Tons/Yr:	315.231

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2012
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13.680171682
Reactive Organic Gases Tons/Yr:	11.0101
Carbon Monoxide Emissions Tons/Yr:	407.861
NOX - Oxides of Nitrogen Tons/Yr:	2204.89
SOX - Oxides of Sulphur Tons/Yr:	2427.47
Particulate Matter Tons/Yr:	417.82490378
Part. Matter 10 Micrometers and Smllr Tons/Yr:	312.91

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2013
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	A
Total Organic Hydrocarbon Gases Tons/Yr:	9.8792424316
Reactive Organic Gases Tons/Yr:	8.09
Carbon Monoxide Emissions Tons/Yr:	446.2
NOX - Oxides of Nitrogen Tons/Yr:	1539.8
SOX - Oxides of Sulphur Tons/Yr:	803.62
Particulate Matter Tons/Yr:	570.39055595
Part. Matter 10 Micrometers and Smllr Tons/Yr:	274.36

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2014
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	61.680258366
Reactive Organic Gases Tons/Yr:	49.18
Carbon Monoxide Emissions Tons/Yr:	458.3
NOX - Oxides of Nitrogen Tons/Yr:	1265.31
SOX - Oxides of Sulphur Tons/Yr:	978.17
Particulate Matter Tons/Yr:	631.49055595
Part. Matter 10 Micrometers and Smllr Tons/Yr:	299.06

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2015
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	61.680258366
Reactive Organic Gases Tons/Yr:	49.18
Carbon Monoxide Emissions Tons/Yr:	458.3
NOX - Oxides of Nitrogen Tons/Yr:	1265.31
SOX - Oxides of Sulphur Tons/Yr:	978.17
Particulate Matter Tons/Yr:	631.49055595
Part. Matter 10 Micrometers and Smllr Tons/Yr:	299.06

Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2016
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10.237950828
Reactive Organic Gases Tons/Yr:	8.41
Carbon Monoxide Emissions Tons/Yr:	392.21
NOX - Oxides of Nitrogen Tons/Yr:	1308.68
SOX - Oxides of Sulphur Tons/Yr:	356.32

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Particulate Matter Tons/Yr:	597.82207769
Part. Matter 10 Micrometers and Smllr Tons/Yr:	264.91
Name:	CALIFORNIA PORTLAND CEMENT CO.
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	9
Air District Name:	KER
SIC Code:	3241
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	27.136435677
Reactive Organic Gases Tons/Yr:	21.96
Carbon Monoxide Emissions Tons/Yr:	592.21
NOX - Oxides of Nitrogen Tons/Yr:	1531
SOX - Oxides of Sulphur Tons/Yr:	502.32
Particulate Matter Tons/Yr:	692.82207769
Part. Matter 10 Micrometers and Smllr Tons/Yr:	304.01

ENF:

Name:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241176
Agency Name:	Not reported
Place Type:	Manufacturing
Place Subtype:	Concrete Manufacturing
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	35.039693
Place Longitude:	-118.247573
SIC Code 1:	3271
SIC Desc 1:	Concrete Block and Brick
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

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# 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):	368165
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	02/24/2009
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:	NOV - CALIF PORTLAND CEMENT CO 1st Semi-annual SMR (2/24/09)
Description:	Groundwater samples exceeded MCLs for various constituents: all subsequent violations must be identified and discussed in the report; response to NOV due to water board staff by 4/27/09
Program:	LNDISP
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

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241176
Agency Name:	California Portland Cement
Place Type:	Manufacturing
Place Subtype:	Concrete Manufacturing
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	35.039693
Place Longitude:	-118.247573
SIC Code 1:	3271
SIC Desc 1:	Concrete Block and Brick
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:	0.11
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B152003001
Reg Measure Id:	148479
Reg Measure Type:	WDR
Region:	Not reported
Order #:	01-054
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	01/09/2015
Effective Date:	10/10/2001

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Expiration/Review Date:	10/10/2030
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	223135
Region:	Not reported
Order / Resolution Number:	96-01001
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	02/08/1996
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 - 6B152003001
Description:	RESCINDED CAO 89-47 W/REVISED WDRS 96-10.
Program:	LNDISP
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:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241176
Agency Name:	California Portland Cement
Place Type:	Manufacturing
Place Subtype:	Concrete Manufacturing
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	35.039693
Place Longitude:	-118.247573
SIC Code 1:	3271
SIC Desc 1:	Concrete Block and Brick
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

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

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:	0.11
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B152003001
Reg Measure Id:	148479
Reg Measure Type:	WDR
Region:	Not reported
Order #:	01-054
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	01/09/2015
Effective Date:	10/10/2001
Expiration/Review Date:	10/10/2030
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	219135
Region:	Not reported
Order / Resolution Number:	89-047
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	05/03/1989
Adoption/Issuance Date:	Not reported
Achieve Date:	2/8/1996
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B152003001

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Description:	CLEANUP AND ABATEMENT
Program:	LNDISP
Latest Milestone Completion Date:	2/8/1996
# 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

WDS:

Name:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK RD
City:	MOJAVE
Facility ID:	South Lahontan 152003001
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:	Not reported
Subregion:	0
Facility Telephone:	Not reported
Facility Contact:	LEO MERCY
Agency Name:	CALIFORNIA PORTLAND CEMENT CO
Agency Address:	PO BOX 910
Agency City,St,Zip:	MOJAVE 93502
Agency Contact:	LEO MERCY
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3271
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	NONCON
Waste Type2:	Not reported
Waste2:	Cooling Water: Noncontact
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation,

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

	result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Name:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK RD
City:	MOJAVE
Facility ID:	South Lahontan 15I006255
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:	0
Facility Telephone:	Not reported
Facility Contact:	LEO MERCY
Agency Name:	CALIFORNIA PORTLAND CEMENT CO
Agency Address:	PO BOX 910
Agency City,St,Zip:	MOJAVE 93502
Agency Contact:	LEO MERCY
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	3241
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 thosewho 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.

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

CIWQS:

Name:	MOJAVE PLANT-CALIF PORTLAND
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Agency:	California Portland Cement
Agency Address:	2025 East Financial Way, Glendora, CA 91741
Place/Project Type:	Concrete Manufacturing
SIC/NAICS:	3271
Region:	6V
Program:	LNDISP, LNDISPOTH
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	01-054
WDID:	6B152003001
NPDES Number:	Not reported
Adoption Date:	10/10/2001
Effective Date:	10/10/2001
Termination Date:	Not reported
Expiration/Review Date:	10/10/2030
Design Flow:	0.11
Major/Minor:	Not reported
Complexity:	B
TTWQ:	1
Enforcement Actions within 5 years:	0
Violations within 5 years:	7
Latitude:	35.039693
Longitude:	-118.247573

CERS:

Name:	CALPORTLAND COMPANY MOJAVE PLANT
Address:	9350 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	102360
CERS ID:	93502CLFRN9350O
CERS Description:	Toxic Release Inventory

Affiliation:

Affiliation Type Desc:	Company Official
Entity Name:	Desirea Haggard
Entity Title:	Sr. Environmental Manager
Affiliation Address:	PO BOX 910
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Company
Entity Name:	TAIHEIYO CEMENT USA INC
Entity Title:	Not reported
Affiliation Address:	PO BOX 910
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Affiliation Type Desc: Technical Contact
Entity Name: Catalina Fernandez-Moores
Entity Title: Not reported
Affiliation Address: PO BOX 910
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: 6268526264

Affiliation Type Desc: Public Contact
Entity Name: Brian Males
Entity Title: Not reported
Affiliation Address: PO BOX 910
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: 6618233731

Name: CALIFORNIA PORTLAND CEMENT COMPANY MOJAVE PLANT
Address: 9350 OAK CREEK ROAD
City,State,Zip: MOJAVE, CA 93501-7738
Site ID: 457035
CERS ID: 110017431233
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Administrative Contact
Entity Name: DUMOND RON
Entity Title: Not reported
Affiliation Address: 9350 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: DALE HENDRICKSON
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: Not reported

Affiliation Type Desc: Operator
Entity Name: MIKE KIRBY
Entity Title: OPERATOR
Affiliation Address: 9350 OAK CREEK ROAD
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Brian Males
Entity Title:	Not reported
Affiliation Address:	9350 OAK CREEK ROAD
Affiliation City:	MOJAVE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Owner
Entity Name:	CA PORTLAND CEM
Entity Title:	OWNER
Affiliation Address:	2025 E FINANCIAL WAY
Affiliation City:	GLENDORA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	Brian Males
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:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	DANNY DUENEZ
Entity Title:	SAFETY SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	MIKE KIRBY
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	9350 OAK CREEK ROAD
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	MIKE KIRBY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

MOJAVE PLANT-CALIF PORTLAND (Continued) **S101854341**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	MR SCOTT ISAACSON
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:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	RON DUMOND
Entity Title:	PLANT MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DH826 **CALIFORNIA PORTLAND CEMENT CO** **AST** **1001609493**
West **9350 OAK CREEK RD** **N/A**
< 1/8 **MOJAVE, CA**
0.044 mi.
234 ft. **Site 5 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

AST:

Name:	CALIFORNIA PORTLAND CEMENT CO
Address:	9350 OAK CREEK RD
City/Zip:	MOJAVE,
Certified Unified Program Agencies:	Kern
Owner:	CALIFORNIA PORTLAND CEMENT CO
Total Gallons:	58,325
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

CALIFORNIA PORTLAND CEMENT CO (Continued) **1001609493**

Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

DH827 **CALIFORNIA PORTLAND CEMENT, CO.** **SEMS-ARCHIVE** **1015732630**
West **9350 OAK CREEK RD.** **RCRA-SQG** **CAD008256315**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 6 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

SEMS Archive:
Site ID: 0904614
EPA ID: CAD008256315
Name: CALIFORNIA PORTLAND CEMENT, CO.
Address: 9350 OAK CREEK RD.
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
Cong District: 20
FIPS Code: 06029
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: 0904614
EPA ID: CAD008256315
Site Name: CALIFORNIA PORTLAND CEMENT, CO.
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: 0904614
EPA ID: CAD008256315
Site Name: CALIFORNIA PORTLAND CEMENT, CO.
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1994-03-16 05:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904614
EPA ID: CAD008256315
Site Name: CALIFORNIA PORTLAND CEMENT, CO.

CALIFORNIA PORTLAND CEMENT, CO. (Continued) **1015732630**

NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1994-03-24 05:00:00
Finish Date: 1995-05-04 04:00:00
Qual: N
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904614
EPA ID: CAD008256315
Site Name: CALIFORNIA PORTLAND CEMENT, CO.
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-10-16 04:00:00
Finish Date: 1992-10-16 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

RCRA-SQG:
Date form received by agency: 1999-03-04 00:00:00.0
Facility name: CALIFORNIA PORTLAND CEMENT CO
Site name: CALIFORNIA PORTLAND CEMENT- COLTON PLANT
Facility address: 695 SOUTH RANCHO AVE.
COLTON, CA 92324
EPA ID: CAD008256315
Mailing address: 2025 E. FINANCIAL WAY
GLENDORA, CA 91741
Contact: TINA SENTNER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 626-852-6200
Telephone ext.: 6264
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

CALIFORNIA PORTLAND CEMENT, CO. (Continued) **1015732630**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	1996-09-01 00:00:00.0
Site name:	CALIFORNIA PORTLAND CEMENT CO
Classification:	Small Quantity Generator
Date form received by agency:	1996-03-20 00:00:00.0
Site name:	CPCC MOJAVE PLANT
Classification:	Large Quantity Generator
Date form received by agency:	1992-02-28 00:00:00.0
Site name:	CALIFORNIA PORTLAND CEMENT COM
Classification:	Large Quantity Generator
Date form received by agency:	1980-08-08 00:00:00.0
Site name:	CALIFORNIA PORTLAND CEMENT CO
Classification:	Large Quantity Generator
Violation Status:	No violations found

DH828 **MOJAVE PLANT & QUARRY** **US MINES** **1024906314**
West **9350 OAK CREEK ROAD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 7 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

MINES VIOLATIONS:

Name:	MOJAVE PLANT & QUARRY
Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	9375658
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	6/27/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	6/27/2018
Title 30 Code of Federal Regulations:	56.14107(a)
Proposed Penalty:	264.00
Assessment Amount:	264.00
Paid Penalty Amount:	264.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018

MOJAVE PLANT & QUARRY (Continued) **1024906314**

Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9375659
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	6/27/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	6/27/2018
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	264.00
Assessment Amount:	264.00
Paid Penalty Amount:	264.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9375660
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	6/27/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	6/27/2018

MOJAVE PLANT & QUARRY (Continued) **1024906314**

Title 30 Code of Federal Regulations:	56.20003(a)
Proposed Penalty:	880.00
Assessment Amount:	880.00
Paid Penalty Amount:	880.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9375661
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	6/27/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	6/27/2018
Title 30 Code of Federal Regulations:	56.11012
Proposed Penalty:	177.00
Assessment Amount:	177.00
Paid Penalty Amount:	177.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9375816

MOJAVE PLANT & QUARRY (Continued) **1024906314**

Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	5/22/2018
Action Type:	104(d)(1)
Type of Issue:	Citation
S and S:	Y
Term Date:	5/22/2018
Title 30 Code of Federal Regulations:	56.9200(d)
Proposed Penalty:	7037.00
Assessment Amount:	7037.00
Paid Penalty Amount:	7037.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9375817
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	5/22/2018
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	5/22/2018
Title 30 Code of Federal Regulations:	56.14205
Proposed Penalty:	3513.00
Assessment Amount:	3513.00
Paid Penalty Amount:	3513.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active

MOJAVE PLANT & QUARRY (Continued) **1024906314**

Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN
Violation Number:	9375818
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	5/22/2018
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	5/22/2018
Title 30 Code of Federal Regulations:	56.4100(b)
Proposed Penalty:	7819.00
Assessment Amount:	7819.00
Paid Penalty Amount:	7819.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN
Violation Number:	9432045
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	10/10/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/10/2018
Title 30 Code of Federal Regulations:	56.14217
Proposed Penalty:	5997.00
Assessment Amount:	5997.00
Paid Penalty Amount:	5997.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE

MOJAVE PLANT & QUARRY (Continued) **1024906314**

State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9432049
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	10/24/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/31/2018
Title 30 Code of Federal Regulations:	56.9300(b)
Proposed Penalty:	4717.00
Assessment Amount:	4717.00
Paid Penalty Amount:	4717.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9432050
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	10/31/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/31/2018
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	264.00
Assessment Amount:	264.00
Paid Penalty Amount:	264.00

MOJAVE PLANT & QUARRY (Continued) **1024906314**

Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Violation Number:	9432051
Mine ID:	0400036
Contractor ID:	Not reported
Date Issued:	10/31/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/31/2018
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	395.00
Assessment Amount:	395.00
Paid Penalty Amount:	395.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	9350 OAK CREEK ROAD
City:	MOJAVE
State:	CA
Operator:	Calportland
Zip:	93501
Mine Controller Name:	Taiheiyo Cement Corp
Name:	MOJAVE PLANT & QUARRY
Ownership Date:	10/1/1990
Mine Status:	Active
Status Date:	4/10/1975
Primary Site Description:	Cement
Mine Type:	Facility
State 2:	CA
County:	KERN

Click this hyperlink while viewing on your computer to access
568 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

DH829 **SCREENING PLANT B** **ABANDONED MINES** **1022837849**
West **9350 OAK CREEK ROAD** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 8 of 12 in cluster DH**

Actual: **3495 ft.**

Focus Map: **13**

ABANDONED MINES:

Mine ID:	0405552
Mine Name:	SCREENING PLANT B
Mine Address:	9350 OAK CREEK ROAD
City,State,Zip:	MOJAVE, CA 93501
Primary SIC Code:	Not reported
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	3/1/2004
Coal (C) or Metal (M) Mine:	M
Controller ID:	M13157
Controller Name:	Skanska AB
Operator ID:	L04601
Operator name:	Yeager Skanska, Inc.
Address of Record Street:	1995 Auga Mansa Road
Address of Record PO Box:	Not reported
Address of Record City:	Riverside
Address of Record State:	CA
Address of Record Zip Code:	93501
Assessment Address Street:	1995 Auga Mansa Road
Assessment Address PO Box:	Not reported
Assessment Address City:	Riverside
Assessment Address State:	CA
Assessment Address Zip Code:	93501
Mine Health and Safety Address Street:	Not reported
Mine Health and Safety Address PO Box:	87
Mine Health and Safety Address City:	Riverside
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	93501
Latitude:	Not reported
Longitude:	Not reported

DH830 **VESTAS AMERICAN WIND TECHNOLOGY INC** **RCRA NonGen / NLR** **1024834436**
West **8560 OAK CREEK RD** **CAL000374969**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 9 of 12 in cluster DH**

Actual: **3495 ft.**

Focus Map: **13**

RCRA NonGen / NLR:

Date form received by agency:	2012-05-31 00:00:00.0
Facility name:	VESTAS AMERICAN WIND TECHNOLOGY INC
Facility address:	8560 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAL000374969
Contact:	JESSE SANCHEZ
Contact address:	8560 OAK CREEK RD 16409 K STREET MOJAVE, CA 93501-0000
Contact country:	Not reported
Contact telephone:	661-221-1354
Contact email:	JESNZ@VESTAS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

VESTAS AMERICAN WIND TECHNOLOGY INC (Continued) **1024834436**

Owner/Operator Summary:
Owner/operator name: JESSE SANCHEZ
Owner/operator address: 8560 OAK CREEK RD 16409 K STREET
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-221-1354
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: VESTAS AMERICAN WIND TECHNOLOGY INC
Owner/operator address: 16409 K ST
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-221-1354
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DH831 **ALTA WIND II LLC** **RCRA NonGen / NLR** **1024829230**
West **8560 OAK CREEK RD** **CAL000362249**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 10 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

RCRA NonGen / NLR:
Date form received by agency: 2011-03-28 00:00:00.0
Facility name: ALTA WIND II LLC
Facility address: 8560 OAK CREEK RD
MOJAVE, CA 93501-7758
EPA ID: CAL000362249

ALTA WIND II LLC (Continued) **1024829230**

Contact: CAROLYN WILES
Contact address: 7020 OAK CREEK ROAD
MOJAVE, CA 93501
Contact country: Not reported
Contact telephone: 661-822-2494
Contact email: CWILES@TERRA-GEN.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TERRA-GEN OPERATING COMPANY LLC
Owner/operator address: 7021 OAK CREEK RD
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-822-2495
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CAROLYN WILES
Owner/operator address: 7020 OAK CREEK ROAD
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-822-2494
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DH832 **ALTA WIND II LLC** **RCRA NonGen / NLR** **1024857201**
West **8560 OAK CREEK RD** **CAL000422286**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 11 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

RCRA NonGen / NLR:

Date form received by agency:	2016-11-17 00:00:00.0
Facility name:	ALTA WIND II LLC
Facility address:	8560 OAK CREEK RD MOJAVE, CA 93501
EPA ID:	CAL000422286
Contact:	COLLEEN BROCK
Contact address:	8560 OAK CREEK RD MOJAVE, CA 93501
Contact country:	Not reported
Contact telephone:	661-221-8547
Contact email:	COLLEEN.BROCK@NRG.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	COLLEEN BROCK
Owner/operator address:	8560 OAK CREEK RD MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-221-8547
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ALTA WIND II LLC
Owner/operator address:	8560 OAK CREEK RD MOJAVE, CA 93501
Owner/operator country:	Not reported
Owner/operator telephone:	661-822-2958
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

ALTA WIND II LLC (Continued) **1024857201**

Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

DH833 **VESTAS** **CERS HAZ WASTE** **S123535191**
West **8560 OAK CREEK RD** **CERS** **N/A**
< 1/8 **MOJAVE, CA 93501**
0.044 mi.
234 ft. **Site 12 of 12 in cluster DH**

Actual:
3495 ft.

Focus Map:
13

CERS HAZ WASTE:

Name:	VESTAS
Address:	8560 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	83262
CERS ID:	10479406
CERS Description:	Hazardous Waste Generator

CERS:

Name:	VESTAS
Address:	8560 OAK CREEK RD
City,State,Zip:	MOJAVE, CA 93501
Site ID:	83262
CERS ID:	10479406
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	83262
Site Name:	Vestas
Violation Date:	08-24-2016
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 10/12/2016. The hazardous materials inventory submitted electronically on the California Environmental Reporting System (CERS) is not accurate. Please revise the quantity of compressed Nitrogen from 10 gallons to 5,060 cubic feet. Add the following items: Four (4) 55 gallon drums of oil soaked rags, four (4) 55 gallon drums of Used Oil Filters, 150 gallons of Used Oil. Once the changes have been completed, please submit in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	83262
Site Name:	Vestas
Violation Date:	08-24-2016
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

VESTAS (Continued) **S123535191**

hazardous material.
Violation Notes: Returned to compliance on 10/12/2016. The Emergency Response Plan submitted is not adequate. there are several agency phone numbers that are not in the form (see regulator comments in CERS). Please ensure that this information is included on the Response Plan and submit in CERS.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 83262
Site Name: Vestas
Violation Date: 08-24-2016
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 10/12/2016. A Site map has not been submitted electronically in CERS. The operator selected the "Provided Elsewhere in CERS" option. When this option is selected, we are unable to view the document. Prepare a site map with all required content, select the "Upload Document" option and submit in CERS.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 83262
Facility Name: Vestas
Env Int Type Code: HWG
Program ID: 10479406
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 35.034550
Longitude: -118.284060

VESTAS (Continued) **S123535191**

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	8560 Oak Creek Road
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93501
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Vestas
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:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Vestas
Entity Title:	Not reported
Affiliation Address:	8560 Oak Creek Road
Affiliation City:	Mojave
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(661) 754-6979

Affiliation Type Desc:	Operator
Entity Name:	Vestas American Wind Technology
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:	(661) 972-8689

Affiliation Type Desc:	Environmental Contact
Entity Name:	Robert Guerrero
Entity Title:	Not reported
Affiliation Address:	8560 Oak Creek RD
Affiliation City:	Mojave
Affiliation State:	CA

VESTAS (Continued) **S123535191**

Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Robert Guerrero
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: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Darin Franco
Entity Title: Sr. Site Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

834
SSW
< 1/8
0.045 mi.
237 ft.

AT&T COMMUNICATIONS OF CALIFORNIA
6201 E HIGHWAY 58
MOJAVE, CA 93501

RCRA NonGen / NLR **1024825690**
CAL000351893

Actual:
2663 ft.

Focus Map:
20

RCRA NonGen / NLR:
Date form received by agency: 2010-04-21 00:00:00.0
Facility name: AT&T COMMUNICATIONS OF CALIFORNIA
Facility address: 6201 E HIGHWAY 58
MOJAVE, CA 93501
EPA ID: CAL000351893
Mailing address: 308 S. AKARD ST.
17TH FLOOR
DALLAS, TX 75202-0000
Contact: DERONICA LAMB
Contact address: 308 S. AKARD ST. 17TH FLOOR
DALLAS, TX 75202
Contact country: Not reported
Contact telephone: 214-741-0464
Contact email: EHSRRC@LIST.ATT.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: AT&T INVESTORS CORPORATION
Owner/operator address: 308 S. AKARD ST. 17TH FLOOR
DALLAS, TX 75202
Owner/operator country: Not reported
Owner/operator telephone: 214-741-0464
Owner/operator email: Not reported

AT&T COMMUNICATIONS OF CALIFORNIA (Continued) **1024825690**

Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	DERONICA LAMB
Owner/operator address:	308 S. AKARD ST. 17TH FLOOR DALLAS, TX 75202
Owner/operator country:	Not reported
Owner/operator telephone:	214-741-0464
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

835
South
1/8-1/4
0.135 mi.
713 ft.

MOJAVE/ROSAMOND LANDFILL
3 MI SOUTH OF MOJAVE
MOJAVE, CA 93501

WMUDS/SWAT **S100838392**
LDS **N/A**
ENF
CIWQS
CERS

Actual:
2620 ft.

Focus Map:
23

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	SLDWST
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	MD
NPID:	Not reported
Tonnage:	857
Regional Board ID:	Not reported
Municipal Solid Waste:	True
Superorder:	True
Open To Public:	False
Waste List:	True
Agency Type:	County
Agency Name:	KERN CO DPW
Agency Department:	DEPARTMENT OF PUBLIC WORKS
Agency Address:	2700 M ST STE 500
Agency City,St,Zip:	BAKERSFIELD CA 93301
Agency Contact:	ERIC GREENWOOD
Agency Telephone:	8058628918
Land Owner Name:	SOUTHERN PACIFIC LAND
Land Owner Address:	2601 "O" ST
Land Owner City,St,Zip:	BAKERSFIELD, CA 93301
Land Owner Contact:	Not reported
Land Owner Phone:	8058612621
Region:	6V
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	ARVIN SANITARY LANDFILL
Primary SIC:	4953
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	KERN COUNTY
Threat to Water Quality:	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.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	1
Section Range:	31S29E31
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Semiannual Submittal
Waste Discharge System ID:	6B150303011
Solid Waste Information ID:	15-AA-0058

LDS:

Name:	MOJAVE/ROSAMOND LANDFILL
Address:	3 MI SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Global Id:	L10001517468
Latitude:	34.99410
Longitude:	-118.1390
Case Type:	Land Disposal Site
Status:	Open - Operating
Status Date:	01/01/1965
Lead Agency:	LAHONTAN RWQCB (REGION 6V)
Caseworker:	TS
Local Agency:	Not reported
RB Case Number:	6B150303011
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	L10001517468
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	MOJAVE/ROSAMOND LANDFILL
Address:	3 MI SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241190
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.99336
Place Longitude:	-118.13881
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
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

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Program Category1:	Not reported
Program Category2:	LNDISP
# 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):	417020
Region:	Not reported
Order / Resolution Number:	R6V-2007-0035
Enforcement Action Type:	Oral Communication
Effective Date:	03/30/2017
Adoption/Issuance Date:	03/30/2017
Achieve Date:	Not reported
Termination Date:	11/09/2017
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 03/30/2017 for Kern County Public Works Department
Description:	The Five-Year COC Monitoring Report is over 217 days late. Board staff requested the results be included in the 2017 Annual Monitoring Report
Program:	LFOPER
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

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

CIWQS:

Name:	MOJAVE/ROSAMOND LANDFILL
Address:	3 MI SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Agency:	Kern County Public Works Department
Agency Address:	2700 M Street 500, Bakersfield, CA 93301-2372
Place/Project Type:	Land fill
SIC/NAICS:	4953
Region:	6V
Program:	LFOPER, LNDISP
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR
Order Number:	R6V-2007-0035
WDID:	6B150303011
NPDES Number:	Not reported
Adoption Date:	11/29/2007
Effective Date:	11/29/2007
Termination Date:	Not reported
Expiration/Review Date:	11/29/2022
Design Flow:	0
Major/Minor:	Not reported
Complexity:	B
TTWQ:	3
Enforcement Actions within 5 years:	1
Violations within 5 years:	10
Latitude:	34.99336
Longitude:	-118.13881

CERS:

Name:	MOJAVE/ROSAMOND LANDFILL
Address:	3 MI SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Site ID:	135965
CERS ID:	241190
CERS Description:	Land Disposal

Violations:

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	11-25-2009
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Nitrate Nitrogen WQPS: 0.5mg/L; MR1-08 1/21/09: 0.55mg/L; MR1-08 5/12/09: 0.56mg/L. Sulfate WQPS: 37mg/L; MR2-01 1/21/09: 58mg/L; MR2-01 5/12/09: 57mg/L. Dichlorodifluoromethane WQPS: 0.5mg/L; MR1-07 1/21/09: 0.84mg/L; MR1-07 5/12/09: 0.638mg/L.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	06-11-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	QUARTERLY REPORT WAS LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER.

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MONITORING REPORT WAS LATE, DUE 45 DAYS FOLLOWING THE END OF THE QUARTER.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 05-19-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2005
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-20-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: REPORT WAS DUE ON FEBUARY 15, AND IS 31 DAYS LATE.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-08-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded Water Quality Protection Standard of Dichlorodifluoromethane (Freon 12), Tetrachloroethene (PCE), Trichloroethene (TCE), and Nitrate as N during the 2018 Second Semi-annual monitoring period. Violates Board Order R6V-2007-0035 WDR II.A.7 and MRP III.B.1.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: REPORT LATE, DUE WITHIN 90 DAYS FOLLOWING THE END OF THE CALENDAR YEAR.
Violation Division: Water Boards
Violation Program: LNDISP

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	03-20-2009
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Sulfate level was exceeded in well MR2-01, limit = 37 (based on current WQPS limits), reported measurement = 54 and 56.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	06-10-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	REPORT WAS SUBMITTED LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	02-28-2014
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Exceeded the WQPS for dichlorodifluoromethane, 1,2-dichloropropane, Methyl Tert Butyl Ether, trichlorofluoromethane, tetrachlorethene, trichloroethene, Nitrate as N, Sulfate, and TDS. Exceeding the WQPS violates Board Order R6V-2007-35 (MRP II.B.Organic Constituents) and (MRP III.B.1). The WQPS for all VOCs are the PQL. The WQPS for Nitrate as N is
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	08-24-2010
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Exceeded WQPS for Nitrate as N (0.5 mg/L), dicholorodifluoromethane (0.5 ug/L) and tetrachloroethene (0.5 ug/L), violates board order R6-2007-0035 WDR I. A. 2.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	05-19-2006
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Failed to submit report by 02/14/2006

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	05-19-2006
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Failed to submit report by 04/30/2006
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	06-10-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	REPORT WAS SUBMITTED LATE, DUE WITHIN 90 DAYS OF THE LAST QUARTER OF THE YEAR.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	03-08-2013
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Nitrate WQPS: 0.5mg/L; MCL: 10mg/L. MR1-07: 0.54mg/L; MR1-08: 0.87mg/L; MR2-01: 0.53mg/L. Sulfate WQPS: 37mg/L; MCL: 250mg/L. MR1-06: 440mg/L. Acetone WQPS: 10ug/L. MR1-06: 34ug/L. Dichlorodifluoromethane WQPS: 0.5ug/L. MR1-07: 0.63ug/L; MR1-08: 0.56ug/L.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	09-14-2012
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Barium (WQPS 84 ug/L), Nitrate as Nitrogen (WQPS 0.5 mg/L), Sulfate (WQPS 37 mg/L), TDS (WQPS 360 mg/L), Dichlorodifluoromethane (WQPS 0.5 ug/L), Tetrachloroethene (WQPS 0.5 ug/L) were found in concentrations that exceed their WQPS limits. Violates Board Order R6V-2007-0035 WDR MRP II.A.b.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	08-26-2019
Citation:	California Water Code

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Description: Not reported
Violation Notes: Exceeded Water Quality Protection Standard of Dichlorodifluoromethane and Nitrate as N during the 1st half semi-annual monitoring period. Violates Board Order R6V-2007-0035 WDR II.A.7 and MRP III.B.1.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MONITORING REPORT WAS SUBMITTED LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 07-31-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2006
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-14-2011
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded WQPS for chloromethane (0.14 ug/L), dichlorodifluoromethane (0.099 ug/L), tetrachloroethene (0.13 ug/L), and trichloroethene (0.085 ug/L), violates board order R6-2007-0035 MRP II. B.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-18-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The following violations were found in the annual 2007 report. 1. Nitrate nitrogen levels exceeded the limit of .5 mg/L in well MR1-08 with a level of .52 mg/L. 2. The sulfate limit of 37 mg/L was exceeded in EMP well MR2-01. 3. The sulfide limit of .4 mg/L was exceeded in one sample from well MR1-07.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Date: 03-20-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: HAZARDOUS WASTE FOUND IN LANDFILL SEVERAL TONS OF BAGHOUSE WASTE FROM SMELTING OPERATIONS COUNTY IS INVEST. AND EVAL CL
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 08-24-1994
Citation: California Water Code
Violation Description: Not reported
Violation Notes: DIDN'T SUBMIT PHOTOS IN SECOND QUARTER 1994 SMR
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 10-31-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 10/30/2006
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Eval General Type: Compliance Sampling Inspection
Eval Date: 11-13-2007
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2016
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2014
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 08-06-2001
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-1999
Violations Found: No

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-02-2013
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2011
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 11-07-1996
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2017
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2011
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-1997
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 06-24-2002
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Enforcement Action:
Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Site Address: 3 MI SOUTH OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-30-2017
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TIFFANY STEINERT - LAHONTAN RWQCB (REGION 6V)
Entity Title: Not reported
Affiliation Address: 15095 Amargosa Road, Building 2, Suite 210
Affiliation City: Victorville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7602417305

Affiliation Type Desc: Operator
Entity Name: Kern County Public Works Department
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: Not reported

Name: MOJAVE/ROSAMOND LANDFILL
Address: 3 MI SOUTH OF MOJAVE
City,State,Zip: MOJAVE, CA 93501
Site ID: 135965
CERS ID: L10001517468
CERS Description: Land Disposal Site

Violations:
Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 11-25-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Nitrate Nitrogen WQPS: 0.5mg/L; MR1-08 1/21/09: 0.55mg/L; MR1-08 5/12/09: 0.56mg/L. Sulfate WQPS: 37mg/L; MR2-01 1/21/09: 58mg/L; MR2-01 5/12/09: 57mg/L. Dichlorodifluoromethane WQPS: 0.5mg/L; MR1-07 1/21/09: 0.84mg/L; MR1-07 5/12/09: 0.638mg/L.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-11-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: QUARTERLY REPORT WAS LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER.
Violation Division: Water Boards
Violation Program: LNDISP

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MONITORING REPORT WAS LATE, DUE 45 DAYS FOLLOWING THE END OF THE QUARTER.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 05-19-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2005
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-20-2005
Citation: California Water Code
Violation Description: Not reported
Violation Notes: REPORT WAS DUE ON FEBUARY 15, AND IS 31 DAYS LATE.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-08-2019
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded Water Quality Protection Standard of Dichlorodifluoromethane (Freon 12), Tetrachloroethene (PCE), Trichloroethene (TCE), and Nitrate as N during the 2018 Second Semi-annual monitoring period. Violates Board Order R6V-2007-0035 WDR II.A.7 and MRP III.B.1.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: REPORT LATE, DUE WITHIN 90 DAYS FOLLOWING THE END OF THE CALENDAR YEAR.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	03-20-2009
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Sulfate level was exceeded in well MR2-01, limit = 37 (based on current WQPS limits), reported measurement = 54 and 56.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	06-10-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	REPORT WAS SUBMITTED LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	02-28-2014
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Exceeded the WQPS for dichlorodifluoromethane, 1,2-dichloropropane, Methyl Tert Butyl Ether, trichlorofluoromethane, tetrachlorethene, trichloroethene, Nitrate as N, Sulfate, and TDS. Exceeding the WQPS violates Board Order R6V-2007-35 (MRP II.B.Organic Constituents) and (MRP III.B.1). The WQPS for all VOCs are the PQL. The WQPS for Nitrate as N is
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	08-24-2010
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Exceeded WQPS for Nitrate as N (0.5 mg/L), dicholorodifluoromethane (0.5 ug/L) and tetrachloroethene (0.5 ug/L), violates board order R6-2007-0035 WDR I. A. 2.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS

Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	05-19-2006
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Failed to submit report by 02/14/2006
Violation Division:	Water Boards
Violation Program:	LNDISP

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	05-19-2006
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Failed to submit report by 04/30/2006
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	06-10-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	REPORT WAS SUBMITTED LATE, DUE WITHIN 90 DAYS OF THE LAST QUARTER OF THE YEAR.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	03-08-2013
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Nitrate WQPS: 0.5mg/L; MCL: 10mg/L. MR1-07: 0.54mg/L; MR1-08: 0.87mg/L; MR2-01: 0.53mg/L. Sulfate WQPS: 37mg/L; MCL: 250mg/L. MR1-06: 440mg/L. Acetone WQPS: 10ug/L. MR1-06: 34ug/L. Dichlorodifluoromethane WQPS: 0.5ug/L. MR1-07: 0.63ug/L; MR1-08: 0.56ug/L.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	09-14-2012
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Barium (WQPS 84 ug/L), Nitrate as Nitrogen (WQPS 0.5 mg/L), Sulfate (WQPS 37 mg/L), TDS (WQPS 360 mg/L), Dichlorodifluoromethane (WQPS 0.5 ug/L), Tetrachloroethene (WQPS 0.5 ug/L) were found in concentrations that exceed their WQPS limits. Violates Board Order R6V-2007-0035 WDR MRP II.A.b.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	135965
Site Name:	Mojave/Rosamond Landfill
Violation Date:	08-26-2019
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Exceeded Water Quality Protection Standard of Dichlorodifluoromethane

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

and Nitrate as N during the 1st half semi-annual monitoring period. Violates Board Order R6V-2007-0035 WDR II.A.7 and MRP III.B.1.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 06-10-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MONITORING REPORT WAS SUBMITTED LATE, DUE WITHIN 45 DAYS FOLLOWING THE END OF THE QUARTER
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 07-31-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2006
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-14-2011
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Exceeded WQPS for chloromethane (0.14 ug/L), dichlorodifluoromethane (0.099 ug/L), tetrachloroethene (0.13 ug/L), and trichloroethene (0.085 ug/L), violates board order R6-2007-0035 MRP II. B.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 04-18-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The following violations were found in the annual 2007 report. 1. Nitrate nitrogen levels exceeded the limit of .5 mg/L in well MR1-08 with a level of .52 mg/L. 2. The sulfate limit of 37 mg/L was exceeded in EMP well MR2-01. 3. The sulfide limit of .4 mg/L was exceeded in one sample from well MR1-07.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 03-20-1995
Citation: California Water Code

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violation Description: Not reported
Violation Notes: HAZARDOUS WASTE FOUND IN LANDFILL SEVERAL TONS OF BAGHOUSE WASTE FROM SMELTING OPERATIONS COUNTY IS INVEST. AND EVAL CL
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 08-24-1994
Citation: California Water Code
Violation Description: Not reported
Violation Notes: DIDN'T SUBMIT PHOTOS IN SECOND QUARTER 1994 SMR
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Violation Date: 10-31-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 10/30/2006
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-21-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-02-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 11-13-2007

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2016
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-22-2014
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 08-06-2001
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-02-2013
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2011
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 11-07-1996
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2017
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2000
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-20-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-24-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2011
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-1997
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 06-24-2002
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Enforcement Action:
Site ID: 135965
Site Name: Mojave/Rosamond Landfill
Site Address: 3 MI SOUTH OF MOJAVE
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-30-2017
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER

MOJAVE/ROSAMOND LANDFILL (Continued) **S100838392**

Enf Action Source: CIWQS

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: TIFFANY STEINERT - LAHONTAN RWQCB (REGION 6V)
Entity Title: Not reported
Affiliation Address: 15095 Amargosa Road, Building 2, Suite 210
Affiliation City: Victorville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7602417305

Affiliation Type Desc: Operator
Entity Name: Kern County Public Works Department
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: Not reported

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836 **SILVER QUEEN JUNKYARD** **RESPONSE** **S100183850**
WSW **BACK LOT AT 11847 UNITED STREET** **ENVIROSTOR** **N/A**
1/8-1/4 **MOJAVE, CA 93501** **HIST Cal-Sites**
0.160 mi. **DEED**
846 ft. **Cortese**
HIST CORTESE

Actual:
2625 ft.

Focus Map:
23

RESPONSE:
Name: SILVER QUEEN JUNKYARD
Address: BACK LOT AT 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15500002
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 21
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Danny Domingo
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Site Code: 100273
Site Mgmt. Req.: REM, FOUN, DAY, ELD, HOS, LUC, FEN, NOWN, NDAM, NUSE, NDEV, NSUB, SCH, FOOD, RES
Assembly: 36
Senate: 16
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 06/30/2006
Restricted Use: YES
Funding: Orphan Funds
Latitude: 34.99468
Longitude: -118.1524

SILVER QUEEN JUNKYARD (Continued) **S100183850**

APN:	429-170-05
Past Use:	BATTERY RECLAMATION, OPEN BURN/OPEN DETONATION
Potential COC :	Dioxin (as 2,3,7,8-TCDD TEQ Lead Copper and compounds Zinc
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	AGAJANIAN PROPERTY
Alias Type:	Alternate Name
Alias Name:	429-170-05
Alias Type:	APN
Alias Name:	110033608479
Alias Type:	EPA (FRS #)
Alias Name:	P14008
Alias Type:	PCode
Alias Name:	100273
Alias Type:	Project Code (Site Code)
Alias Name:	15500002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/30/1999
Comments:	Excavation of affected soils (contaminated by lead, copper and zinc). Approximately 2000 cubic yards into an onsite consolida- tion pit which was capped. The remediated dreds were cleaned up to industrial levels (1000 mg/kg, 2500 mg/kg and 5000 mg/kg for Pb, Cu and Zu respectively.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	12/16/1998
Comments:	RAW/CEQA -- APPROVAL OF NEGATIVE DECLARATION FOR REMOVAL ACTION WORKPLAN FOR FINAL REMEDIATION.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/24/1996
Comments:	RA (FENCE)-- Installation of fence fabric, double wide gate, and posting of signs. Approximately 500 feet of fence fabric reinstalled.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	08/23/1994
Comments:	Applied polymer seal to site. Activity was paid for by DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation / Feasibility Study
Completed Date:	08/20/1993
Comments:	RI/FS -- completed and approved by Department. Total approx. cost = $30,000 (RP funded).

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Completed Document Type: Removal Action Completion Report
Completed Date: 07/23/1990
Comments: Application of Polymer Coating over the waste piles and contaminated surface soil. Approximately 5 acres of area were stablized with the polymer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/29/2006
Comments: Interim Operation and Maintanence Plan to implemented by DTSC until a prospective party becomes available for ownership

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/05/2007
Comments: The Interim Operation and Maintenence Plan originally adopted in June of 2006 and included as an attachment to the Certification Package was updated as a Stand Alone Document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/11/2015
Comments: 5-yr review completed for this Orphan Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/22/2005
Comments: Pursuant to Case No. CCV 96 5176 REC SMC; Federal Court Order Restricting use of Property. The Order included DTSC's Land Use Restrictions requirements as the basis for the land use restriction. Order signed on December 22, 2005. Order received by DTSC on January 09, 2006 and recorded at Kern County Recorder's office on January 10, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/16/1998
Comments: Intial Study and Notice of Determination for the Remedial Action Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 06/28/1993
Comments: ORDER - DTSC issued a Final Determination of Non-Compliance with I&SE Order. The Determination of Non-Compliance was issued for the RP's failue to submit required reports to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/27/1991
Comments: Imminent and Substantial Endangerment and Remedial Action Order

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Issued to the owner of the property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/24/2009
Comments: Details of inspection are available in a memo to the files from DDomingo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2006
Comments: Certification with Operation and Maintenance requirements. Certified for industrial/commerical use and restricted for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2011
Comments: Annual Inspection of the site and capped area. Note: Fence around the perimeter of the capped area has been removed by theft.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/03/2012
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: 05/16/2013
Comments: Memo to File Inspection Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/24/2014
Comments: Memo to File reporting inspection of the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/17/2015
Comments: Annual Inspection Report Form 2014. Jeff Gymer inspector.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/12/2016
Comments: Memo to File for annual inspection. Includes inspection checklist date 4/2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Completed Date: 03/19/2018
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: 06/21/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 06/16/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 10/23/2019
Comments: Final Orphan Site Designation Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 07/08/2019
Comments: Final PRP ID MEMO

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
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

ENVIROSTOR:
Name: SILVER QUEEN JUNKYARD
Address: BACK LOT AT 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15500002
Status: Certified / Operation & Maintenance
Status Date: 06/30/2006
Site Code: 100273
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 21
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Danny Domingo
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Assembly: 36
Senate: 16
Special Program: Not reported

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Restricted Use: YES
Site Mgmt Req: REM, FOUN, DAY, ELD, HOS, LUC, FEN, NOWN, NDAM, NUSE, NDEV, NSUB, SCH, FOOD, RES
Funding: Orphan Funds
Latitude: 34.99468
Longitude: -118.1524
APN: 429-170-05
Past Use: BATTERY RECLAMATION, OPEN BURN/OPEN DETONATION
Potential COC: Dioxin (as 2,3,7,8-TCDD TEQ Lead Copper and compounds Zinc
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: AGAJANIAN PROPERTY
Alias Type: Alternate Name
Alias Name: 429-170-05
Alias Type: APN
Alias Name: 110033608479
Alias Type: EPA (FRS #)
Alias Name: P14008
Alias Type: PCode
Alias Name: 100273
Alias Type: Project Code (Site Code)
Alias Name: 15500002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/30/1999
Comments: Excavation of affected soils (contaminated by lead, copper and zinc). Approximately 2000 cubic yards into an onsite consolida- tion pit which was capped. The remediated dreds were cleaned up to industrial levels (1000 mg/kg, 2500 mg/kg and 5000 mg/kg for Pb, Cu and Zu respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/16/1998
Comments: RAW/CEQA -- APPROVAL OF NEGATIVE DECLARATION FOR REMOVAL ACTION WORKPLAN FOR FINAL REMEDIATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/24/1996
Comments: RA (FENCE)-- Installation of fence fabric, double wide gate, and posting of signs. Approximately 500 feet of fence fabric reinstalled.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/23/1994
Comments: Applied polymer seal to site. Activity was paid for by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Completed Date: 08/20/1993
Comments: RI/FS -- completed and approved by Department. Total approx. cost = $30,000 (RP funded).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/23/1990
Comments: Application of Polymer Coating over the waste piles and contaminated surface soil. Approximately 5 acres of area were stablized with the polymer.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 06/29/2006
Comments: Interim Operation and Maintanence Plan to implemented by DTSC until a prospective party becomes available for ownership

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/05/2007
Comments: The Interim Operation and Maintenence Plan originally adopted in June of 2006 and included as an attachment to the Certification Package was updated as a Stand Alone Document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 06/11/2015
Comments: 5-yr review completed for this Orphan Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/22/2005
Comments: Pursuant to Case No. CCV 96 5176 REC SMC; Federal Court Order Restricting use of Property. The Order included DTSC's Land Use Restrictions requirements as the basis for the land use restriction. Order signed on December 22, 2005. Order received by DTSC on January 09, 2006 and recorded at Kern County Recorder's office on January 10, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/16/1998
Comments: Intial Study and Notice of Determination for the Remedial Action Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 06/28/1993
Comments: ORDER - DTSC issued a Final Determination of Non-Compliance with I&SE Order. The Determination of Non-Compliance was issued for the RP's failue to submit required reports to DTSC.

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/27/1991
Comments: Imminent and Substantial Endangerment and Remedial Action Order Issued to the owner of the property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/24/2009
Comments: Details of inspection are available in a memo to the files from DDomingo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/30/2006
Comments: Certification with Operation and Maintenance requirements. Certified for industrial/commerical use and restricted for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/28/2011
Comments: Annual Inspection of the site and capped area. Note: Fence around the perimeter of the capped area has been removed by theft.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/03/2012
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: 05/16/2013
Comments: Memo to File Inspection Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/24/2014
Comments: Memo to File reporting inspection of the cap.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/17/2015
Comments: Annual Inspection Report Form 2014. Jeff Gymer inspector.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/12/2016
Comments: Memo to File for annual inspection. Includes inspection checklist

SILVER QUEEN JUNKYARD (Continued) **S100183850**

date 4/2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/19/2018
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: 06/21/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 06/16/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 10/23/2019
Comments: Final Orphan Site Designation Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 07/08/2019
Comments: Final PRP ID MEMO

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
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

Calsite:
Name: SILVER QUEEN JUNKYARD
Address: BACK LOT AT 11847 UNITED STREET
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15500002
Facility Type: STATE
Type: STATE FUNDED SITE
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 10011990
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL

SILVER QUEEN JUNKYARD (Continued) **S100183850**

NPL:	Not Listed
SIC Code:	50
SIC Name:	WHOLESALE TRADE - DURABLE GOODS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Unknown
Staff Member Responsible for Site:	DDOMINGO
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:	34
State Senate District Code:	18
Facility ID:	15500002
Activity:	FDNC
Activity Name:	FINAL DETERMINATION OF NON-COMPLIANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06281993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15500002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08201993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

SILVER QUEEN JUNKYARD (Continued) **S100183850**

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
Facility ID:	15500002
Activity:	ERA
Activity Name:	EXPEDITED RESPONSE ACTION
AWP Code:	POLYM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07231990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	POLYMER COATING WAS APPLIED ON PORTIONS OF THE PROPERTY. BULK OF WORKDONE MAY 1990, WITH SOME RESIDUAL WORK DONE JULY 1990.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15500002
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02271991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Unknown Type:	0
Facility ID:	15500002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SEAL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08231994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	APPLIED POLYMER SEAL TO SITE AS AN ENFORCEMENT ACTION TO PREVENT THEOFF-SITE MIGRATION OF THE CONTAMINANTS FROM THE SITE.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15500002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	FENCE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09241996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	N
Activity Comments:	INSTALLATION OF FENCE FABRIC, DOUBLE WIDE GATE, AND POSTING OF SIGNS.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15500002
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Comments Date:	12161998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15500002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	2000
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION OF LEAD, COPPER AND ZINC CONTAMINATED SOILS.
For Commercial Reuse:	25
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15500002
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

SILVER QUEEN JUNKYARD (Continued) **S100183850**

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
Facility ID:	15500002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12161998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	UNITED ST & SILVER QUEEN RD EXTENSION
Alternate City,St,Zip:	MOJAVE, CA 93501
Alternate Address:	BACK LOT AT 11847 UNITED STREET
Alternate City,St,Zip:	MOJAVE, CA 93501

Background Info:

The Silver Queen Junkyard, also known as the Agajanian property, is an approximately 20 acre parcel located west of the in the intersection of United Road and Silver Queen Road Extension, and is approximately 4 miles south of the town of Mojave in Kern County. The site of the former metal recovery business is located at the western end of the parcel and is an area approximately five to six acres in size.

Early operators of the site recovered metal from shredded automobile seats, batteries and copper wire. The site operated from the late 1960 to mid-1970. Waste generated from the recovery process was piled on the ground surface. The piles were comprised of auto battery cases, ash containing heavy metals, wire and various debris.

In 1990 a polymer coating was sprayed onto the waste piles to prevent airborne migration of the ash. Investigation of the waste piles and surface soil indicated hazardous concentrations of lead, copper and zinc in the surface soil and ash piles.

In February 1991, DTSC issued an Imminent or Substantial to the owner of the proprety. In June 1993, DTSC issued a Final Determination of Non-Compliance with the I&SE Order. Subsequently, the RP completed a Remedial Investigation and

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Feasibility Study (RIFS), which DTSC approved in August of 1993. DTSC referred the site to the Attorney General's office for recovery of past costs and injunctive relief in 1996, obtained summary judgement against the RP in 1997 and placed a lien on the property in 1997.
In 1998 a Remedial Action Workplan was prepared and approved in December 1998. Removal actions were conducted and completed in June 1999. The removal action involved consolidating and capping approximately 2,000 cubic yards of contaminated soil on-site. The cap is composed of reinforced concrete, occupies an area approximately 240 feet long by 70 feet wide, and is located in near the southwest corner of the state.
The affected area has been remediated to industrial clean levels of 1,000 mg/kg, 2,500 mg/kg and 5,000 mg/kg, respectively for lead, copper and zinc.

Comments Date: 05301990
Comments: ERA: Polymer coating.
Comments Date: 06281993
Comments: ORDER - DTSC issued a Final Determination of Non-Compliance
Comments Date: 06281993
Comments: with I&SE Order. The Determination of Non-Compliance was
Comments Date: 06281993
Comments: issued for the RP's failue to submit required reports to
Comments Date: 06281993
Comments: DTSC.
Comments Date: 06301999
Comments: Excavation of affected soils (contaminated by lead, copper and
Comments Date: 06301999
Comments: zinc). Approximately 2000 cubic yards into an onsite consolida-
Comments Date: 06301999
Comments: tion pit which was capped. The remediated dreds were cleaned up
Comments Date: 06301999
Comments: to industrial levels (1000 mg/kg, 2500 mg/kg and 5000 mg/kg
Comments Date: 06301999
Comments: for Pb, Cu and Zu respectively.
Comments Date: 07251991
Comments: Metal recovery business. Contaminants include Pb, Ni, Cu,
Comments Date: 07251991
Comments: dioxins, and furans.
Comments Date: 08201993
Comments: RI/FS -- completed and approved by Department. Total
Comments Date: 08201993
Comments: approx. cost = $30,000 (RP funded).
Comments Date: 08201993
Comments: Not reported
Comments Date: 08201993
Comments: Not reported
Comments Date: 08231994
Comments: Applied polymer seal to site. Activity was paid for by DTSC.
Comments Date: 09241996
Comments: RA (FENCE)-- Installation of fence fabric, double wide
Comments Date: 09241996
Comments: gate, and posting of signs. Approximately 500 feet of
Comments Date: 09241996
Comments: fence fabric reinstalled.
Comments Date: 12161998
Comments: RAW/CEQA -- APPROVAL OF NEGATIVE DECLARATION FOR REMOVAL

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Comments Date: 12161998
Comments: ACTION WORKPLAN FOR FINAL REMEDIATION.
ID Name: BEP DATABASE PCODE
ID Value: P14008
ID Name: CALSTARS CODE
ID Value: 100273
Alternate Name: SILVER QUEEN JUNKYARD
Alternate Name: AGAJANIAN PROPERTY
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:
Name: SILVER QUEEN JUNKYARD
Address: BACK LOT AT 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Envirostor ID: 15500002
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CORTESE:
Name: SILVER QUEEN JUNKYARD
Address: BACK LOT AT 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Envirostor Id: 15500002
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 06/30/2006
Site Code: 100273
Latitude: 34.994682
Longitude: -118.15245
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

HIST CORTESE:
edr_fname: SILVER QUEEN JUNKYARD
edr_fadd1: BACK LOT AT 11847 UNITED
City,State,Zip: MOJAVE, CA 93501

SILVER QUEEN JUNKYARD (Continued) **S100183850**

Region: CORTESE
Facility County Code: 15
Reg By: CALSI
Reg Id: 15500002

DI837 **COMMODITY RESOURCE & ENVIRONMENTAL** **HWP** **S103624858**
South **11847 UNITED ST** **N/A**
1/8-1/4 **MOJAVE, CA 93501**
0.163 mi.
860 ft. **Site 1 of 4 in cluster DI**

Actual:
2617 ft.

Focus Map:
23

HWP:
Name: COMMODITY RESOURCE & ENVIRONMENTAL
Address: 11847 UNITED ST
City,State,Zip: MOJAVE, CA 935010000
EPA Id: CAD981402522
Cleanup Status: CLOSED
Latitude: 34.99337
Longitude: -118.1510
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 36
Senate District: 16
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD981402522
Facility Type: Historical - Non-Operating
Unit Names: BIF1, Silver Recovery
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/21/1993

Closure:
EPA Id: CAD981402522
Facility Type: Historical - Non-Operating
Unit Names: BIF1, Silver Recovery
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 10/12/2018

Alias:
EPA Id: CAD981402522
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110002695450

DI838 **COMMODITY RESOURCES/ENVIRONMENTAL** **CERS HAZ WASTE** **S112939943**
South **11847 UNITED ST** **HAZNET** **N/A**
1/8-1/4 **MOJAVE, CA 93501** **CERS**
0.163 mi. **HWTS**
860 ft. **Site 2 of 4 in cluster DI**

Actual:
2617 ft.

Focus Map:
23

CERS HAZ WASTE:

Name:	COMMODITY RESOURCES/ENVIRONMENTAL
Address:	11847 UNITED ST
City,State,Zip:	MOJAVE, CA 93501
Site ID:	390434
CERS ID:	10231579
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	DEFENSE REUTILIZATION MARKETING SVCS
Address:	11847 UNITED ST
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Contact:	ERIC RAY/ENV PROTECTION SPEC
Telephone:	2699615325
Mailing Name:	Not reported
Mailing Address:	74 N WASHINGTON AVE
Year:	2004
Gepaid:	CAC002581312
TSD EPA ID:	NVD980895338
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.015

Additional Info:

Year:	2004
Gen EPA ID:	CAC002581312
Shipment Date:	20040914
Creation Date:	3/16/2007 18:31:12
Receipt Date:	20040921
Manifest ID:	23628186
Trans EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENV MGT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	NA
Disposal Method:	D80 - Disposal, Land Fill
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

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Additional Code 5: Not reported

CERS:
Name: COMMODITY RESOURCE & ENVRNMTL
Address: 11847 UNITED ST
City,State,Zip: MOJAVE, CA 93501
Site ID: 461823
CERS ID: 110002695450
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: DON HAMILTON
Entity Title: Not reported
Affiliation Address: 11847 UNITED ST
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: SANDRA A MURGUIA
Entity Title: Not reported
Affiliation Address: 11847 UNITED STREET
Affiliation City: MOJAVE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: COMMODITY RESOURCES/ENVIRONMENTAL
Address: 11847 UNITED ST
City,State,Zip: MOJAVE, CA 93501
Site ID: 390434
CERS ID: 10231579
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 390434
Site Name: COMMODITY RESOURCES/ENVIRONMENTAL
Violation Date: 03-09-2015
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 training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 04/13/2015. The operator has not electronically submitted a copy of the facility's Employee Training Plan in the California Environmental Reporting System (CERS). Please upload and submit a copy of the training plan in CERS.
Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 390434
Site Name: COMMODITY RESOURCES/ENVIRONMENTAL

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Violation Date:	03-09-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 03/09/2015. The five (5) gallon plastic containers of used oil did not have a "Used Oil" or "Waste Oil" label. The operator placed "Waste Oil" labels on the containers of used oil. Violation corrected on site. No further action required.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	390434
Site Name:	COMMODITY RESOURCES/ENVIRONMENTAL
Violation Date:	03-09-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 03/09/2015. During the inspection it was observed that a five (5) gallon plastic pail containing used oil was uncovered. The operator placed the lid and secured the container. Please ensure that all waste containers remain closed when not in use. Violation corrected on site. No further action required.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	390434
Site Name:	COMMODITY RESOURCES/ENVIRONMENTAL
Violation Date:	03-09-2015
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 04/13/2015. The operator has not submitted electronically a copy of the facility's Emergency Response/Contingency Plan in the California Environmental Reporting System (CERS). Please upload and submit a copy of the plan in CERS.
Violation Division:	Kern County Env Health Services Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	390434
Site Name:	COMMODITY RESOURCES/ENVIRONMENTAL
Violation Date:	02-15-2018
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 10/15/2018. The hazardous materials inventory submitted electronically in the California Environmental Reporting System (CERS) is not complete/accurate. Revise the following information: SILVER WASTE FROM PHOTOGRAPHY: Add "Largest Container"

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

and "Average Daily Amount". WASTE PHOTO CHEMICALS: Add "Average Daily" amount. WASTE SILVER FILTERS: Add "Largest Container" and "Average Daily" amount. BORAX, SODIUM CARBONATE and SODIUM NITRATE: Revise "Largest Container" from 100 lbs. to 50 lbs. SODIUM SULFITE: Add "Largest Container" and "Days on Site". PROPANE: Add "Largest Container" and "Days on Site". ENZYME: Revise "Maximum Daily" from 55 to 110 gallons, add "Largest Container" and "Days on Site". ICS-2135: Revise "Maximum Daily" from 55 gallons to 275 gallons, add "Largest Container" and "Days on Site". Delete the ICS-6185. All of the ODOR CONTROL items: Add "Largest Container", "Days on Site". SODIUM HYDROXIDE: Add "Largest Container" and "Days on Site". OXYGEN: Revise "Maximum Daily [Truncated]

Violation Division: Kern County Env Health Services Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: No
Eval Type: Routine done by local agency

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Eval Notes: Not reported
Eval Division: Kern County Env Health Services Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 390434
Site Name: COMMODITY RESOURCES/ENVIRONMENTAL
Site Address: 11847 UNITED ST
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-09-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 390434
Site Name: COMMODITY RESOURCES/ENVIRONMENTAL
Site Address: 11847 UNITED ST
Site City: MOJAVE
Site Zip: 93501
Enf Action Date: 03-09-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Kern County Env Health Services Department
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:
Site ID: 390434
Facility Name: COMMODITY RESOURCES/ENVIRONMENTAL
Env Int Type Code: HMBP
Program ID: 10231579
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.993420
Longitude: -118.151180

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11847 UNITED ST
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Sandra A. Murguia
Entity Title: Corporate Liaison Manager

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	C R E
Entity Title:	Not reported
Affiliation Address:	11847 UNITED ST
Affiliation City:	MOJAVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93501
Affiliation Phone:	(818) 843-2811
Affiliation Type Desc:	Operator
Entity Name:	SANDRA A MURGUIA
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:	(661) 810-1163
Affiliation Type Desc:	CUPA District
Entity Name:	Kern County Environmental Health Services Departme
Entity Title:	Not reported
Affiliation Address:	2700 M Street, Suite 300
Affiliation City:	Bakersfield
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93301-2370
Affiliation Phone:	(661) 862-8740
Affiliation Type Desc:	Document Preparer
Entity Name:	Sandra A. Murguia
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:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	COMMODITY RESOURCES/ENVIRONMENTAL
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:	Not reported

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Affiliation Type Desc: Environmental Contact
Entity Name: SANDRA A MURGUIA
Entity Title: Not reported
Affiliation Address: 11847 UNITED STREET
Affiliation City: MOJAVE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93501
Affiliation Phone: Not reported

Name: COMMODITY REFINING E
Address: 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Site ID: 336279
CERS ID: 15330008
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: DANNY DOMINGO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: CLOVIS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
Entity Name: KEVIN SHADDY
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: Not reported

HWTS:
Name: DEFENSE REUTILIZATION MARKETING SVCS
Address: 11847 UNITED ST
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
EPA ID: CAC002581312
Inactive Date: 04/25/2005
Create Date: 08/26/2004
Last Act Date: 08/26/2004
Mailing Name: Not reported
Mailing Address: 74 N WASHINGTON AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BATTLECREEK, MI 49017
Owner Name: D R M S/US GOVERNMENT
Owner Address: 74 N WASHINGTON AVE
Owner Address 2: Not reported
Owner City,State,Zip: BATTLECREEK, CA 49017

COMMODITY RESOURCES/ENVIRONMENTAL (Continued) **S112939943**

Contact Name: ERIC RAY/ENV PROTECTION SPEC
Contact Address: 74 N WASHINGTON AVE
Contact Address 2: Not reported
City,State,Zip: BATTLECREEK, MI 49017

DI839 **COMMODITY RESOURCE & ENVIRONMENTAL** **RESPONSE** **1000301026**
South **11847 UNITED ST** **ENVIROSTOR** **N/A**
1/8-1/4 **MOJAVE, CA 93501** **HIST Cal-Sites**
0.163 mi. **DEED**
860 ft. **Site 3 of 4 in cluster DI** **FINDS**
ECHO
Actual: **Cortese**
2617 ft. **HIST CORTESE**
NPDES
Focus Map: **CIWQS**
23

RESPONSE:

Name:	COMMODITY REFINING EXCHANGE
Address:	11847 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	15330008
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Danny Domingo
Supervisor:	Joseph Tapia
Division Branch:	Cleanup San Joaquin
Site Code:	100175
Site Mgmt. Req.:	REM, FOUN, DAY, ELD, HOS, LUC, NOWN, NDAM, NSUB, RES
Assembly:	36
Senate:	16
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	06/27/2003
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	34.9935
Longitude:	-118.1500
APN:	429-17-34
Past Use:	METAL RECLAMATION, RECYCLING - OTHER
Potential COC :	* CONTAMINATED SOIL * BAGHOUSE WASTE * WASTE POTENTIALLY CONTAINING DIOXINS Lead
Confirmed COC:	* WASTE POTENTIALLY CONTAINING DIOXINS * BAGHOUSE WASTE Lead * CONTAMINATED SOIL
Potential Description:	SOIL
Alias Name:	CRE
Alias Type:	Alternate Name
Alias Name:	429-17-34
Alias Type:	APN
Alias Name:	110033613533
Alias Type:	EPA (FRS #)
Alias Name:	P14007
Alias Type:	PCode
Alias Name:	100175
Alias Type:	Project Code (Site Code)

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Alias Name: 15330008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/06/2003
Comments: RMDL--Completion of concrete cap in accordance to Removal Action Plan.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/18/1995
Comments: DES: Approval of remedial design, pursuant to RAP onsite capping of effected soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/19/1995
Comments: Approval of the Remedial Action Plan (RAP).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/1993
Comments: RI/FS -- Remedial Investigation and Feasibility Study of effected areas of the site. The RI/FS evaluated the lateral and vertical extent of heavy metals, dioxin and furan contaminated ash. The FS evaluated remedial activities which may be appropriate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/07/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/23/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Needs hazard ranking.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/24/2009
Comments: Approval letter for 5-Year Review Report.

Completed Area Name: PROJECT WIDE

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 01/02/2009
Comments: Approval of Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/26/2010
Comments: Approval letter for cap inspection fy 2009/2010

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/15/2011
Comments: Comments to Annual Inspection Report for fy 10/11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/03/2013
Comments: Approval Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 06/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2003
Comments: CERTIFICATION OF COMPLETION THE FINAL OF REMEDIAL ACTIONS CONDUCTED PURSUANT TO THE APPROVED REMEDIAL ACTION PLAN. THE REMEDIAL ACTION INVOLVED THE CONSTRUCTION OF A CONCRETE CAP OVER AREAS AFFECTED WITH HAZARDOUS CONCENTRATIONS OF HEAVY METALS, LEAD, COPPER, ZINC, CADMIUM AND DIOXIN.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/19/1997
Comments: ORDER/OMA -- Execution of Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/04/1997
Comments: DEED (RESTR) Recordation of Deed Restriction for the site and the capped area of the facility.

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/28/1995
Comments: Completion of the CEQA Activities. Negative Declaration, Negative Declaration Approval, Deminimus, NOD and Certifi- cation of Exemption, Initial Study and Special Checklist done. Sent to PEAS for Tracking and Filing on 06/22/95. To be filed on 06/28/1995 (NOD & Cert of Fees Exemption).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/27/1991
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 06/15/2020
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: COMMODITY REFINING EXCHANGE
Address: 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15330008
Status: Certified / Operation & Maintenance
Status Date: 06/27/2003
Site Code: 100175
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Danny Domingo
Supervisor: Joseph Tapia
Division Branch: Cleanup San Joaquin
Assembly: 36
Senate: 16
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: REM, FOUN, DAY, ELD, HOS, LUC, NOWN, NDAM, NSUB, RES
Funding: Responsible Party
Latitude: 34.9935
Longitude: -118.1500
APN: 429-17-34
Past Use: METAL RECLAMATION, RECYCLING - OTHER
Potential COC: * CONTAMINATED SOIL * BAGHOUSE WASTE * WASTE POTENTIALLY CONTAINING DIOXINS Lead
Confirmed COC: * WASTE POTENTIALLY CONTAINING DIOXINS * BAGHOUSE WASTE Lead * CONTAMINATED SOIL

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Potential Description: SOIL
Alias Name: CRE
Alias Type: Alternate Name
Alias Name: 429-17-34
Alias Type: APN
Alias Name: 110033613533
Alias Type: EPA (FRS #)
Alias Name: P14007
Alias Type: PCode
Alias Name: 100175
Alias Type: Project Code (Site Code)
Alias Name: 15330008
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/06/2003
Comments: RMDL--Completion of concrete cap in accordance to Removal Action Plan.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/18/1995
Comments: DES: Approval of remedial design, pursuant to RAP onsite capping of effected soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/19/1995
Comments: Approval of the Remedial Action Plan (RAP).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/1993
Comments: RI/FS -- Remedial Investigation and Feasibility Study of effected areas of the site. The RI/FS evaluated the lateral and vertical extent of heavy metals, dioxin and furan contaminated ash. The FS evaluated remedial activities which may be appropriate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/07/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/23/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Needs hazard ranking.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/24/2009
Comments: Approval letter for 5-Year Review Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 01/02/2009
Comments: Approval of Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/26/2010
Comments: Approval letter for cap inspection fy 2009/2010

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/15/2011
Comments: Comments to Annual Inspection Report for fy 10/11.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/03/2013
Comments: Approval Letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 06/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 05/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/27/2003
Comments: CERTIFICATION OF COMPLETION THE FINAL OF REMEDIAL ACTIONS CONDUCTED PURSUANT TO THE APPROVED REMEDIAL ACTION PLAN. THE REMEDIAL ACTION INVOLVED THE CONSTRUCTION OF A CONCRETE CAP OVER AREAS AFFECTED WITH HAZARDOUS CONCENTRATIONS OF HEAVY METALS, LEAD, COPPER, ZINC, CADMIUM AND DIOXIN.

Completed Area Name: PROJECT WIDE

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/19/1997
Comments: ORDER/OMA -- Execution of Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 02/04/1997
Comments: DEED (RESTR) Recordation of Deed Restriction for the site and the capped area of the facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/28/1995
Comments: Completion of the CEQA Activities. Negative Declaration, Negative Declaration Approval, Deminimus, NOD and Certifi- cation of Exemption, Initial Study and Special Checklist done. Sent to PEAS for Tracking and Filing on 06/22/95. To be filed on 06/28/1995 (NOD & Cert of Fees Exemption).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/27/1991
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 06/15/2020
Schedule Revised Date: Not reported

Calsite:
Name: COMMODITY REFINING EXCHANGE
Address: 11847 UNITED STREET
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15330008
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 10011990
Status: CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name: CERTIFIED / OPERATION & MAINTENANCE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 33
SIC Name: MANU - PRIMARY METAL INDUSTRIES

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Unknown
Staff Member Responsible for Site:	DDOMINGO
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:	34
State Senate District Code:	18
Facility ID:	15330008
Activity:	SI
Activity Name:	SITE INSPECTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10241988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	ERA
Activity Name:	EXPEDITED RESPONSE ACTION
AWP Code:	POLYM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07231990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Removal Action Certification:	N
Activity Comments:	A POLYMER COATING WAS APPLIED ON PORTIONS OF THE PROPERTY WHICH FORMSA COHESIVE BOND BETWEEN SURFACE SOIL PARTICLES THAT STABILIZES ANDPREVENTS MIGRATION OF CONTAMINATION.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330008
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02271991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	ASH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07071992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	2
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	HOT SPOT REMOVAL OF BAGHOUSE ASH CONTAINING HIGH CONCENTRATIONS OFMETALS AND LOW LEVELS OF DIOXIN. ASH SCRAPED UP INTO 55 GALLON STEELDRUMS. SCRAPED AREA SAMPLED AND SPRAYED WITH SOIL SEALANT.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Unknown Type:	0
Facility ID:	15330008
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06191995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06281995

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10181995
Est Person-Yrs to complete:	0
Estimated Size:	S
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	RESTR
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02041997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

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
Facility ID:	15330008
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	OMA
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02191997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330008
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06062003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	1
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330008
Activity:	CERT

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06272003
Est Person-Yrs to complete:	0
Estimated Size:	S
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	315
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0.70000
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330008
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	SOF
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02101999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	11847 UNITED STREET
Alternate City,St,Zip:	MOJAVE, CA 93501
Background Info:	were restabilized with a soil sealant. An RI/FS characterizing the extent of contamination in the effected area was complete in June 1993. The RP has submitted a draft RAP for review and approval from the Department. The RAP proposes to cap in place, the effected area. DTSC approved a Remedial Action Plan (RAP) in June of 1995. The RAP calls for the capping of the contaminated areas with a geofab liner under a concrete cap. Because the affected area had been stabilized and to give CRE the ability to budget

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

construction cap into its operation, CRE was allowed to construct the cap over a 46 month period. CRE implemented the Remedial Actions descriped in the RAP in 1996.
Commodity Refining Exchange (CRE) currently recovers precious metals, primarily silver from photographic film, and limited quantities of gold from circuit boards. The site's previous owners recovered copper (Cu) and lead (Pb) from circuit boards and insulated wire. Incineration of these materials produced a waste dioxin ash which was deposited on various portions of the site.
Because of the nature of the waste materials, the major pathway of contamination is airborne transport by prevailing winds. The site is fenced to prevent direct contact to the community. There is currently no evidence of groundwater contamination.
The site is located in a commercially zoned area. The nearest private residence is 1/2 mile to the west. There are at least 8 residences within 1 mile of the site. The nearest school is located in Mojave, approximately 4 miles Mojave, approximately 4 miles to the north.
A polymer coating was applied on portions of the property in May 1990, to prevent migration by wind.
DTSC issued an I/SE Order to CRE and other PRPs in February 1991.
A removal action (RA) was conducted in June 1992 in the effected area. The RA involved the hot spot removal of baghouse ash from the surface soils. These areas

Comments Date: 02041997
Comments: DEED (RESTR) Recordation of Deed Restriction for the site and
Comments Date: 02041997
Comments: the capped area of the facility.
Comments Date: 02101999
Comments: COST/SOF -- STATEMENT OF FACTS FOR REFERRAL FOR COST RECOVERY
Comments Date: 02101999
Comments: STATEMENT OF FACT REFERENCE TO A.G. OFFICE.
Comments Date: 02191997
Comments: ORDER/OMA -- Execution of Operation and Maintenance Agreement.
Comments Date: 03161988
Comments: Records Search: Kern County files.
Comments Date: 03282001
Comments: Settlement for past cost reached with the PRP's.
Comments Date: 05111988
Comments: Records Search: DHS/TSCD historical data on past operational
Comments Date: 05111988
Comments: practices.
Comments Date: 05301990
Comments: ERA: Polymer coating.
Comments Date: 06062003
Comments: RMDL--Completion of concrete cap in accordance to Removal Action
Comments Date: 06062003
Comments: Plan.
Comments Date: 06191995
Comments: Approval of the Remedial Action Plan (RAP).
Comments Date: 06191995
Comments: Not reported
Comments Date: 06261992
Comments: RA (ASH) Hot Spot Removal of Baghouse Ash containing high

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Comments Date:	06261992
Comments:	concentrations of metals and low levels of dioxin. Ash
Comments Date:	06261992
Comments:	scraped up into 55-gallon steel drums. Scraped area
Comments Date:	06261992
Comments:	sampled and sprayed with soil sealant. Approx. cost =
Comments Date:	06261992
Comments:	$20,000.
Comments Date:	06261992
Comments:	Not reported
Comments Date:	06261992
Comments:	Not reported
Comments Date:	06272003
Comments:	CERTIFICATION OF COMPLETION THE FINAL OF REMEDIAL ACTIONS
Comments Date:	06272003
Comments:	CONDUCTED PURSUANT TO THE APPROVED REMEDIAL ACTION PLAN. THE
Comments Date:	06272003
Comments:	REMEDIAL ACTION INVOLVED THE CONSTRUCTION OF A CONCRETE CAP OVER
Comments Date:	06272003
Comments:	AREAS AFFECTED WITH HAZARDOUS CONCENTRATIONS OF HEAVY METALS,
Comments Date:	06272003
Comments:	LEAD, COPPER, ZINC, CADMIUM AND DIOXIN.
Comments Date:	06281995
Comments:	Completion of the CEQA Activities. Negative Declaration,
Comments Date:	06281995
Comments:	Negative Declaration Approval, Deminimus, NOD and Certifi-
Comments Date:	06281995
Comments:	cation of Exemption, Initial Study and Special Checklist
Comments Date:	06281995
Comments:	done. Sent to PEAS for Tracking and Filing on 06/22/95. To
Comments Date:	06281995
Comments:	be filed on 06/28/1995 (NOD & Cert of Fees Exemption).
Comments Date:	06301993
Comments:	RI/FS -- Remedial Investigation and Feasibility Study of
Comments Date:	06301993
Comments:	effected areas of the site. The RI/FS evaluated the lateral
Comments Date:	06301993
Comments:	and vertical extent of heavy metals, dioxin and furan
Comments Date:	06301993
Comments:	contaminated ash. The FS evaluated remedial activities
Comments Date:	06301993
Comments:	which may be appropriate.
Comments Date:	06301993
Comments:	Not reported
Comments Date:	07251991
Comments:	Records Search: Precious metals recovery business.
Comments Date:	07251991
Comments:	Contaminants include Pb, Cu, dioxins, and furans.
Comments Date:	08151988
Comments:	Sample results show heavy metals and dioxins in soil.
Comments Date:	10181995
Comments:	DES: Approval of remedial design, pursuant to RAP onsite
Comments Date:	10181995
Comments:	capping of effected soils.
Comments Date:	10241988
Comments:	Site Inspection Done: Needs hazard ranking.
ID Name:	CALSTARS CODE

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

ID Value: 100175
ID Name: BEP DATABASE PCODE
ID Value: P14007
Alternate Name: COMMODITY REFINING EXCHANGE
Alternate Name: CRE
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:
Name: COMMODITY REFINING EXCHANGE
Address: 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Envirostor ID: 15330008
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

FINDS:
Registry ID: 110002695450
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002695450

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.
OSHA ESTABLISHMENT
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

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000301026
Registry ID: 110002695450

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002695450
Name: COMMODITY RESOURCE & ENVIRONMENTAL
Address: 11847 UNITED ST
City,State,Zip: MOJAVE, CA 93501

CORTESE:
Name: COMMODITY REFINING EXCHANGE
Address: 11847 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Envirostor Id: 15330008
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 06/27/2003
Site Code: 100175
Latitude: 34.9935
Longitude: -118.15004
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

HIST CORTESE:
edr_fname: COMMODITY REFINING EXCHAN
edr_fadd1: 11847 UNITED
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Facility County Code: 15
Reg By: CALSI
Reg Id: 15330008

NPDES:
Name: COMMODITY RESOURCE ENVIRONMENTAL INC
Address: 11847 UNITED ST
City,State,Zip: MOJAVE, CA 93501
Facility Status: Active
NPDES Number: CAS000001
Region: 6B
Agency Number: 0
Regulatory Measure ID: 297579
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 6B15I020102
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/02/2006

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	11847 United St
Discharge Name:	Commodity Resource Environmental Inc
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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:	6B
Regulatory Measure ID:	297579
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I020102
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:	03/02/2006
Status:	Active
Status Date:	03/02/2006
Place Size:	4.97
Place Size Unit:	Acres
Contact:	Sandra Murguia
Contact Title:	Corporate Liaison Manager
Contact Phone:	661-824-2416
Contact Phone Ext:	Not reported
Contact Email:	gsmurguia@sbcglobal.net
Operator Name:	Commodity Resource Environmental Inc
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:	Private Individual
Developer:	Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

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:	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 Commertial 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:	None desert biome
Certifier:	SANDRA MURGUIA
Certifier Title:	CORPORATE LIAISON MANAGER
Certification Date:	30-JAN-15
Primary Sic:	3399-Primary Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	297579
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I020102
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/02/2006
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Commodity Resource Environmental Inc
Discharge Address:	11847 United St
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

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 Commertial 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:	COMMODITY RESOURCE ENVIRONMENTAL INC
Address:	11847 UNITED ST
City,State,Zip:	MOJAVE, CA 93501

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

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:	6B15I020102
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:	03/02/2006
Operator Name:	Commodity Resource Environmental Inc
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:	6B
Regulatory Measure ID:	297579
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	6B15I020102
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:	03/02/2006
Status:	Active
Status Date:	03/02/2006
Place Size:	4.97
Place Size Unit:	Acres
Contact:	Sandra Murguia
Contact Title:	Corporate Liaison Manager
Contact Phone:	661-824-2416
Contact Phone Ext:	Not reported
Contact Email:	gsmurguia@sbcglobal.net

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Operator Name:	Commodity Resource Environmental Inc
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:	Private Individual
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:	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 Commertial 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:	None desert biome
Certifier:	SANDRA MURGUIA
Certifier Title:	CORPORATE LIAISON MANAGER
Certification Date:	30-JAN-15
Primary Sic:	3399-Primary Metal Products, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	297579
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B15I020102
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

Effective Date Of Regulatory Measure:	03/02/2006
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Commodity Resource Environmental Inc
Discharge Address:	11847 United St
Discharge City:	Mojave
Discharge State:	California
Discharge Zip:	93501
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 Commertial 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

COMMODITY RESOURCE & ENVIRONMENTAL (Continued) **1000301026**

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

CIWQS:

Name:	COMMODITY RESOURCE ENVIRONMENTAL INC
Address:	11847 UNITED ST
City,State,Zip:	MOJAVE, CA 93501
Agency:	Commodity Resource Environmental Inc
Agency Address:	11847 United St, Mojave, CA 93501
Place/Project Type:	Industrial - Primary Metal Products, NEC
SIC/NAICS:	3399
Region:	6V
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	6B15I020102
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/02/2006
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:	34.99341
Longitude:	-118.15004

DI840 **COMMODITY REFINING EXCHANGE** **SEMS-ARCHIVE** **1015732853**
South **11847 UNITED ST.** **RCRA NonGen / NLR** **CAD981402522**
1/8-1/4 **MOJAVE, CA 93501**
0.163 mi.
860 ft. **Site 4 of 4 in cluster DI**

Actual:
2617 ft.

Focus Map:
23

SEMS Archive:

Site ID:	0904967
EPA ID:	CAD981402522
Name:	COMMODITY REFINING EXCHANGE
Address:	11847 UNITED ST.
Address 2:	Not reported
City,State,Zip:	MOJAVE, CA 93501
Cong District:	20
FIPS Code:	06029
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

COMMODITY REFINING EXCHANGE (Continued) **1015732853**

Site ID:	0904967
EPA ID:	CAD981402522
Site Name:	COMMODITY REFINING EXCHANGE
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-09-12 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0904967
EPA ID:	CAD981402522
Site Name:	COMMODITY REFINING EXCHANGE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1994-02-14 05:00:00
Finish Date:	1994-02-14 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0904967
EPA ID:	CAD981402522
Site Name:	COMMODITY REFINING EXCHANGE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1994-09-12 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

RCRA NonGen / NLR:

Date form received by agency:	1992-01-27 00:00:00.0
Facility name:	COMMODITY RESOURCE & ENVIRONMENTAL
Site name:	COMMODITY RESOURCE AND ENVIRONMENT
Facility address:	11847 UNITED ST MOJAVE, CA 93501
EPA ID:	CAD981402522
Contact:	DON HAMILTON
Contact address:	11847 UNITED ST MOJAVE, CA 93501
Contact country:	US
Contact telephone:	805-824-2416

COMMODITY REFINING EXCHANGE (Continued) **1015732853**

Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: COMMODITY REFINING EXCHANGE
Owner/operator address: 116 E PROSPECT AVE
BURBANK, CA 91502
Owner/operator country: Not reported
Owner/operator telephone: 818-843-2811
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SANDRA A MURGUIA
Owner/operator address: 11847 UNITED ST
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 661-824-2416
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COMMODITY RESOURCE & ENVTL
Owner/operator address: 11847 UNITED ST
MOJAVE, CA 93501
Owner/operator country: Not reported
Owner/operator telephone: 805-824-2416
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

COMMODITY REFINING EXCHANGE (Continued) **1015732853**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1987-04-10 00:00:00.0
Site name: COMMODITY RESOURCE & ENVIRONMENTAL
Classification: Not a generator, verified

Facility Has Received Notices of Violations:
Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 1995-10-24 00:00:00.0
Date achieved compliance: 1995-11-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1995-10-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 1995-10-24 00:00:00.0
Date achieved compliance: 1995-10-25 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1995-10-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 1995-10-24 00:00:00.0

COMMODITY REFINING EXCHANGE (Continued) **1015732853**

Date achieved compliance: 1995-11-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1995-10-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 1995-10-24 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General
Date achieved compliance: 1995-10-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1995-10-24 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: LDR - General
Date achieved compliance: 1995-11-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1995-10-24 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General
Date achieved compliance: 1995-11-01 00:00:00.0
Evaluation lead agency: State

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841 **A & W SMELTERS AND REFINE** **HIST CORTESE** **1000131928**
West **SILVER QUEEN RD** **N/A**
1/4-1/2 **MOJAVE, CA 93501**
0.284 mi.
1500 ft.

Actual:
2634 ft.

Focus Map:
23

HIST CORTESE:
edr_fname: A & W SMELTERS AND REFINE
edr_fadd1: SILVER QUEEN RD
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Facility County Code: 15
Reg By: CALSI
Reg Id: 15330009

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842 **MOJAVE PLANT NO 55** **WMUDS/SWAT** **S101612519**
West **SOUTH OF MOJAVE** **ENF** **N/A**
1/4-1/2 **MOJAVE, CA 93501** **WDS**
0.391 mi. **CIWQS**
2066 ft. **CERS**

Actual:
2641 ft.

Focus Map:
22

WMUDS/SWAT:
Edit Date: Not reported
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or

MOJAVE PLANT NO 55 (Continued) **S101612519**

	dischargers having waste storage systems with land disposal such as dairy waste ponds.
Primary Waste:	PROCES
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	COLUMBIAN CHEMICALS CO
Agency Department:	Not reported
Agency Address:	1600 PARKWOOD CIRCLE STE 400
Agency City,St,Zip:	ATLANTA GA 30339
Agency Contact:	MR. FLEMING
Agency Telephone:	7709537801
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	6V
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 Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	2895
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	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.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported

MOJAVE PLANT NO 55 (Continued) **S101612519**

Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	Semiannual Submittal
Waste Discharge System ID:	6B152087001
Solid Waste Information ID:	Not reported

ENF:

Name:	MOJAVE PLANT NO 55
Address:	SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241175
Agency Name:	Columbian Chemicals Company
Place Type:	Mining
Place Subtype:	Sand and Gravel Mining
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	35.005261
Place Longitude:	-118.156871
SIC Code 1:	2895
SIC Desc 1:	Carbon Black
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:	0.005
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B152087001
Reg Measure Id:	147956
Reg Measure Type:	WDR
Region:	Not reported
Order #:	82-131
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No

MOJAVE PLANT NO 55 (Continued) **S101612519**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	05/21/2014
Effective Date:	12/09/1982
Expiration/Review Date:	12/09/2025
Termination Date:	06/19/2013
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	244628
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	01/08/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	2/9/2001
Termination Date:	01/08/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B152087001
Description:	Subsidence in landfill area, no storm water drainage around landfill. Discharger has not submitted final site closure workplan, nor have they submitted any SMRs during the 2000 year.
Program:	LNDISP
Latest Milestone Completion Date:	2/13/2001
# 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:	MOJAVE PLANT NO 55
Address:	SOUTH OF MOJAVE
City,State,Zip:	MOJAVE, CA 93501
Region:	Not reported
Facility Id:	241175
Agency Name:	Columbian Chemicals Company
Place Type:	Mining
Place Subtype:	Sand and Gravel Mining
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	35.005261

MOJAVE PLANT NO 55 (Continued) **S101612519**

Place Longitude:	-118.156871
SIC Code 1:	2895
SIC Desc 1:	Carbon Black
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:	0.005
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Process waste, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B152087001
Reg Measure Id:	147956
Reg Measure Type:	WDR
Region:	Not reported
Order #:	82-131
Npdes# CA#:	Not reported
Major-Minor:	Not reported
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:	05/21/2014
Effective Date:	12/09/1982
Expiration/Review Date:	12/09/2025
Termination Date:	06/19/2013
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:	59 - Land Disposal Site not paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	244224
Region:	Not reported
Order / Resolution Number:	UNKNOWN

MOJAVE PLANT NO 55 (Continued) **S101612519**

Enforcement Action Type:	Notice of Violation
Effective Date:	07/21/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	2/9/2001
Termination Date:	07/21/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B152087001
Description:	Non submittal of 2nd semi-annual 1999 SMR
Program:	LNDISP
Latest Milestone Completion Date:	2/9/2001
# 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

WDS:

Name:	MOJAVE PLANT NO 55
Address:	SOUTH OF MOJAVE
City:	MOJAVE
Facility ID:	South Lahontan 152087001
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:	Not reported
Subregion:	0
Facility Telephone:	Not reported
Facility Contact:	GARY P JUNO
Agency Name:	COLUMBIAN CHEMICALS CO
Agency Address:	1800 WEST OAK COMMONS COURT
Agency City,St,Zip:	MARIETTA 300622253
Agency Contact:	ROBERT VIGIAL
Agency Telephone:	7707929400
Agency Type:	Private
SIC Code:	2895
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	PROCES
Waste Type2:	Not reported
Waste2:	Process Waste (Waste produced as part of the industrial/manufacturing process)
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G.,

MOJAVE PLANT NO 55 (Continued) **S101612519**

inorganic salts and heavy metals) are included in this category.
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
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 thosewho 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: MOJAVE PLANT NO 55
Address: SOUTH OF MOJAVE
City,State,Zip: MOJAVE, CA 93501
Agency: Columbian Chemicals Company
Agency Address: 1800 West Oak Commons Court, Marietta, GA 30062-2253
Place/Project Type: Sand and Gravel Mining
SIC/NAICS: 2895
Region: 6V
Program: LNDISPOTH
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: 82-131
WDID: 6B152087001
NPDES Number: Not reported
Adoption Date: 12/09/1982
Effective Date: 12/09/1982
Termination Date: 06/19/2013
Expiration/Review Date: 12/09/2025
Design Flow: 0.005
Major/Minor: Not reported
Complexity: C
TTWQ: 3
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 35.005261
Longitude: -118.156871

CERS:
Name: MOJAVE PLANT NO 55
Address: SOUTH OF MOJAVE
City,State,Zip: MOJAVE, CA 93501
Site ID: 321490
CERS ID: 241175
CERS Description: Land Disposal

MOJAVE PLANT NO 55 (Continued) **S101612519**

Violations:

Site ID:	321490
Site Name:	Mojave Plant No 55
Violation Date:	07-21-2000
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	SMR non-submittal: 2nd semi-annual 99
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS

Site ID:	321490
Site Name:	Mojave Plant No 55
Violation Date:	02-17-2004
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	The 2003 semi-annual SMR was received 19 days late.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS

Site ID:	321490
Site Name:	Mojave Plant No 55
Violation Date:	01-02-2001
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Discharger has not provided grading of landfill surface to promote drainage - subsidence has occurred in landfill area. Discharger has not submitted a final site closure workplan, or SMRs during 2000.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS

Enforcement Action:

Site ID:	321490
Site Name:	Mojave Plant No 55
Site Address:	SOUTH OF MOJAVE
Site City:	MOJAVE
Site Zip:	93501
Enf Action Date:	01-08-2001
Enf Action Type:	Staff Enforcement Letter (Informal)
Enf Action Description:	Staff Enforcement Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC
Enf Action Source:	CIWQS

Site ID:	321490
Site Name:	Mojave Plant No 55
Site Address:	SOUTH OF MOJAVE
Site City:	MOJAVE
Site Zip:	93501
Enf Action Date:	07-21-2000
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported

MOJAVE PLANT NO 55 (Continued) **S101612519**

Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

DJ843 **PRODUCTS RESEARCH CHEMICAL CO.** **SEMS-ARCHIVE** **1003878330**
South **11601 UNITED** **CAD042238956**
1/4-1/2 **MOJAVE, CA 93501**
0.412 mi.
2175 ft. **Site 1 of 2 in cluster DJ**

Actual:
2611 ft.

Focus Map:
23

SEMS Archive:
Site ID: 0901341
EPA ID: CAD042238956
Name: PRODUCTS RESEARCH CHEMICAL CO.
Address: 11601 UNITED
Address 2: Not reported
City,State,Zip: MOJAVE, CA 93501
Cong District: 18
FIPS Code: 06029
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: 0901341
EPA ID: CAD042238956
Site Name: PRODUCTS RESEARCH CHEMICAL CO.
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1989-12-22 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901341
EPA ID: CAD042238956
Site Name: PRODUCTS RESEARCH CHEMICAL CO.
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-11-01 05:00:00
Finish Date: 1979-11-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901341
EPA ID: CAD042238956

PRODUCTS RESEARCH CHEMICAL CO. (Continued) **1003878330**

Site Name:	PRODUCTS RESEARCH CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	Not reported
Finish Date:	1989-12-22 05:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901341
EPA ID:	CAD042238956
Site Name:	PRODUCTS RESEARCH CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1980-04-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901341
EPA ID:	CAD042238956
Site Name:	PRODUCTS RESEARCH CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	2018-07-01 05:00:00
Finish Date:	2019-04-24 04:00:00
Qual:	N
Current Action Lead:	St Perf

DJ844 **PRC-DE SOTO INTERNATIONAL INC** **RCRA-LQG** **1000193048**
South **11601 UNITED STREET** **ENVIROSTOR** **CAD981691108**
1/4-1/2 **MOJAVE, CA 93501** **HIST Cal-Sites**
0.412 mi. **EMI**
2175 ft. **Site 2 of 2 in cluster DJ** **HIST CORTESE**

Actual:
2611 ft.

Focus Map:
23

RCRA-LQG:

Date form received by agency:	2018-02-16 00:00:00.0
Facility name:	PRC-DE SOTO INTERNATIONAL INC
Facility address:	11601 UNITED STREET MOJAVE, CA 93501-7048
EPA ID:	CAD981691108
Mailing address:	UNITED STREET MOJAVE, CA 93501-7048
Contact:	BRIAN C JOHNSON

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Contact address:	UNITED STREET MOJAVE, CA 93501-7048
Contact country:	US
Contact telephone:	661-232-6878
Contact email:	BRIAN.JOHNSON@PPG.COM
EPA Region:	09
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	PRC DE-SOTO INTERNATIONAL
Owner/operator address:	SAN FERNANDO ROAD SYLMAR, CA 91342
Owner/operator country:	US
Owner/operator telephone:	818-382-6711
Owner/operator email:	BRIAN.JOHNSON@PPG.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1984-02-12 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	PRC DE-SOTO INTERNATIONAL
Owner/operator address:	UNITED STREET MOJAVE, CA 93501
Owner/operator country:	US
Owner/operator telephone:	661-232-6878
Owner/operator email:	BRIAN.JOHNSON@PPG.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	1984-02-12 00:00:00.
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 2016-03-02 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC
Classification: Large Quantity Generator

Date form received by agency: 2012-10-30 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC
Classification: Large Quantity Generator

Date form received by agency: 2010-07-27 00:00:00.0
Site name: PRC-DESOTO INTERNATIONAL INC.
Classification: Large Quantity Generator

Date form received by agency: 2008-02-29 00:00:00.0
Site name: PRC-DESOTO INTERNATIONAL INC
Classification: Large Quantity Generator

Date form received by agency: 2006-02-23 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC
Classification: Large Quantity Generator

Date form received by agency: 2004-02-24 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC.
Classification: Large Quantity Generator

Date form received by agency: 2002-02-25 00:00:00.0
Site name: PRC DESOTO INTERNATIONAL INC.
Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: PRC-DESOTO INTERNATIONAL, INC.
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: COURTAULDS AEROSPACE, INC.
Classification: Large Quantity Generator

Date form received by agency: 1997-12-03 00:00:00.0
Site name: COURTAULDS AEROSPACE INC
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: COURTAULDS AEROSPACE INC
Classification: Large Quantity Generator

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Date form received by agency: 1996-03-28 00:00:00.0
Site name: COURTAULDS AEROSPACE, INC
Classification: Large Quantity Generator

Date form received by agency: 1994-04-05 00:00:00.0
Site name: COURTALDS AEROSPACE INC.
Classification: Large Quantity Generator

Date form received by agency: 1992-03-31 00:00:00.0
Site name: PRODUCTS RESEARCH & CHEMICAL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 1990-04-10 00:00:00.0
Site name: PRODUCTS RESEARCH & CHEMICAL CORP
Classification: Large Quantity Generator

Date form received by agency: 1986-10-08 00:00:00.0
Site name: COURTAULDS AEROSPACE INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 132
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 211
. Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene,

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

etc.)

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 271
. Waste name: Organic monomer waste (includes unreacted resins)

. Waste code: 272
. Waste name: Polymeric resin waste

. Waste code: 281
. Waste name: Adhesives

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 342
. Waste name: Organic liquids with metals (see 121)

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 512
. Waste name: Other empty containers 30 gallons or more

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 591
. Waste name: Baghouse waste

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

. Waste code: D018
. Waste name: BENZENE

. Waste code: D026
. Waste name: CRESOL

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D036
. Waste name: NITROBENZENE

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: F001
. Waste name: 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 name: 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

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

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 name: 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 name: 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: F035
. Waste name: WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

. Waste code: U012
. Waste name: ANILINE (I,T) (OR) BENZENAMINE (I,T)

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U154
. Waste name: METHANOL (I) (OR) METHYL ALCOHOL (I)

. Waste code: U223
. Waste name: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 886008

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 21750

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 266309

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 232999

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 753827

Waste code: D008
Waste name: LEAD
Amount (Lbs): 250305

Waste code: D011
Waste name: SILVER
Amount (Lbs): 145

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 230744

Waste code: D026
Waste name: CRESOL
Amount (Lbs): 533

Waste code: D029
Waste name: 1,1-DICHLOROETHYLENE
Amount (Lbs): 44

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 519741

Waste code: D038
Waste name: PYRIDINE
Amount (Lbs): 48

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 30719

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED 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.
Amount (Lbs): 696269

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED 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 NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 488756

Waste code: U012
Waste name: ANILINE (I,T)
Amount (Lbs): 50

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2007-04-04 00:00:00.0
Date achieved compliance: 2007-04-20 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2007-05-25 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2007-04-04 00:00:00.0
Date achieved compliance: 2007-04-20 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Enforcement action date: 2007-05-25 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 1994-07-25 00:00:00.0
Date achieved compliance: 1994-07-25 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 1994-07-25 00:00:00.0
Date achieved compliance: 1994-07-25 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ENVIROSTOR:
Name: PRODUCTS RESEARCH & CHEMICAL CORP
Address: 11601 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15130013
Status: Inactive - Needs Evaluation
Status Date: 10/03/2019
Site Code: 102362
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 5
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Thomas Anderson
Supervisor: Lora Jameson
Division Branch: Northern California Schools & Santa Susana
Assembly: 36
Senate: 16
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Funding: Responsible Party
Latitude: 34.98890
Longitude: -118.1511
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS * CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: ASHLAND OIL INC
Alias Type: Alternate Name
Alias Name: FLETA RAILROAD SIDING
Alias Type: Alternate Name
Alias Name: CAD042238956
Alias Type: EPA Identification Number
Alias Name: 110000481853
Alias Type: EPA (FRS #)
Alias Name: CAD981691108
Alias Type: HWTS Identification Code
Alias Name: 100308
Alias Type: Project Code (Site Code)
Alias Name: 102362
Alias Type: Project Code (Site Code)
Alias Name: 15130013
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: SITE INSP COMPLETED. PRODUCT RESEARCH AND CHEMICAL COMPANY RECOMMENDED FOR HAZARD RANKING.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/28/1987
Comments: SITE SCREENING DONE NO DATA FOUND.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/17/1980
Comments: FACILITY IDENTIFIED THROUGH QUESTIONNAIRE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Reassessment
Completed Date: 03/26/2019
Comments: Submitted to USEPA on 26MAR19.

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

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:
Name: PRODUCTS RESEARCH & CHEMICAL CORP
Address: 11601 UNITED STREET
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15130013
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 06081995
Status: BACKLOG, POTENTIAL ANNUAL WORKPLAN (AWP) SITE
Status Name: BACKLOG - POTENTIAL AWP SITE
Lead Agency: N/A
NPL: Not reported
SIC Code: 13
SIC Name: OIL & GAS EXTRACTION
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
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: 34
State Senate District Code: 18
Facility ID: 15130013
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04171980
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: BKLG
Definition of Status: BACKLOG - POTENTIAL AWP SITE
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

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 15130013
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: 01281987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: BKLG
Definition of Status: BACKLOG - POTENTIAL AWP SITE
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
Facility ID: 15130013
Activity: SI
Activity Name: SITE INSPECTION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 10241988
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: BKLG
Definition of Status: BACKLOG - POTENTIAL AWP SITE
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: 11601 UNITED STREET
Alternate City,St,Zip: MOJAVE, CA 93501
Alternate Address: EAST SIDE OF UNITED ST AT REED RD
Alternate City,St,Zip: MOJAVE, CA 93501
Background Info: Not reported

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Comments Date:	01281987
Comments:	SITE SCREENING DONE NO DATA FOUND.
Comments Date:	03081983
Comments:	FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
Comments Date:	04171980
Comments:	FACILITY IDENTIFIED THROUGH QUESTIONNAIRE.
Comments Date:	06281989
Comments:	ON CORTESE LIST. PNA AND DIOXINS CONTAMINATION DOCUMENTED.
Comments Date:	09101988
Comments:	SAMPLE RESULTS: POLYNUCLEAR AROMATICS AND DIOXINS FOUND IN
Comments Date:	09101988
Comments:	ONSITE SOIL.
Comments Date:	10241988
Comments:	SITE INSP COMPLETED. PRODUCT RESEARCH AND CHEMICAL COMPANY
Comments Date:	10241988
Comments:	RECOMMENDED FOR HAZARD RANKING.
Comments Date:	12221989
Comments:	EPA COMPLETED REEVALUTION OF PRELIMINARY ASSESSMENT AND
Comments Date:	12221989
Comments:	RECOMMENDS NO FURTHER ACTION.
ID Name:	CALSTARS CODE
ID Value:	100308
ID Name:	HWIS IDENTIFICATION CODE
ID Value:	CAD981691108
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CAD042238956
Alternate Name:	ASHLAND OIL INC
Alternate Name:	FLETA RAILROAD SIDING
Alternate Name:	PRODUCTS RESEARCH & CHEMICAL CORP
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

EMI:

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2001
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	2
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Year:	2002
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	2
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2003
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	2
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2004
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.5
Reactive Organic Gases Tons/Yr:	0.2111
Carbon Monoxide Emissions Tons/Yr:	2.05
NOX - Oxides of Nitrogen Tons/Yr:	8.8
SOX - Oxides of Sulphur Tons/Yr:	0.05
Particulate Matter Tons/Yr:	1.15
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.15

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2005
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	.2111
Carbon Monoxide Emissions Tons/Yr:	2.05
NOX - Oxides of Nitrogen Tons/Yr:	8.8
SOX - Oxides of Sulphur Tons/Yr:	.05
Particulate Matter Tons/Yr:	1.15
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.15

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2006
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	.2111
Carbon Monoxide Emissions Tons/Yr:	2.05
NOX - Oxides of Nitrogen Tons/Yr:	8.8
SOX - Oxides of Sulphur Tons/Yr:	.05
Particulate Matter Tons/Yr:	1.15
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.15

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 92054
Year:	2007
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
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:	.2111
Carbon Monoxide Emissions Tons/Yr:	2.05
NOX - Oxides of Nitrogen Tons/Yr:	8.8
SOX - Oxides of Sulphur Tons/Yr:	.05

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Particulate Matter Tons/Yr: 1.15
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.15

Name: PRC-DESOTO INTERNATIONAL
Address: 11601 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Year: 2008
County Code: 15
Air Basin: MD
Facility ID: 501
Air District Name: KER
SIC Code: 2891
Air District Name: KERN COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .22
Reactive Organic Gases Tons/Yr: .095371
Carbon Monoxide Emissions Tons/Yr: 3.36
NOX - Oxides of Nitrogen Tons/Yr: 4.001
SOX - Oxides of Sulphur Tons/Yr: .0223
Particulate Matter Tons/Yr: .303
Part. Matter 10 Micrometers and Smllr Tons/Yr: .302808

Name: PRC-DESOTO INTERNATIONAL
Address: 11601 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Year: 2009
County Code: 15
Air Basin: MD
Facility ID: 501
Air District Name: KER
SIC Code: 2891
Air District Name: KERN COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.22
Reactive Organic Gases Tons/Yr: 9.5370999999999997E-2
Carbon Monoxide Emissions Tons/Yr: 3.3599999999999999
NOX - Oxides of Nitrogen Tons/Yr: 4.0010000000000003
SOX - Oxides of Sulphur Tons/Yr: 0.0223
Particulate Matter Tons/Yr: 0.30299999999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.30280800000000002

Name: PRC-DESOTO INTERNATIONAL
Address: 11601 UNITED STREET
City,State,Zip: MOJAVE, CA 93501
Year: 2010
County Code: 15
Air Basin: MD
Facility ID: 501
Air District Name: KER
SIC Code: 2891
Air District Name: KERN COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.22
Reactive Organic Gases Tons/Yr: 9.5370999999999997E-2

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Carbon Monoxide Emissions Tons/Yr:	3.3599999999999999
NOX - Oxides of Nitrogen Tons/Yr:	4.0010000000000003
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.30299999999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.30280800000000002

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2011
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.095371
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2012
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.095371
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2013
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.095371
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2014
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.099431
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2015
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	KERN COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.099431
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2016
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER

PRC-DE SOTO INTERNATIONAL INC (Continued) **1000193048**

SIC Code:	2891
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.22
Reactive Organic Gases Tons/Yr:	0.099431
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.302808

Name:	PRC-DESOTO INTERNATIONAL
Address:	11601 UNITED STREET
City,State,Zip:	MOJAVE, CA 93501
Year:	2017
County Code:	15
Air Basin:	MD
Facility ID:	501
Air District Name:	KER
SIC Code:	2891
Air District Name:	EASTERN KERN APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.5
Reactive Organic Gases Tons/Yr:	0.22
Carbon Monoxide Emissions Tons/Yr:	3.36
NOX - Oxides of Nitrogen Tons/Yr:	4.001
SOX - Oxides of Sulphur Tons/Yr:	0.0223
Particulate Matter Tons/Yr:	0.303
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.303

HIST CORTESE:

edr_fname:	PRODUCTS RESEARCH & CHEMI
edr_fadd1:	11601 UNITED
City,State,Zip:	MOJAVE, CA 93500
Region:	CORTESE
Facility County Code:	15
Reg By:	CALSI
Reg Id:	15130013

DK845 **MOBILE SMELTING** **RESPONSE** **S100183844**
South **UNITED STREET & REED ROAD** **ENVIROSTOR** **N/A**
1/2-1 **MOJAVE, CA 93501** **HIST Cal-Sites**
0.997 mi. **Cortese**
5263 ft. **Site 1 of 2 in cluster DK** **CERS**

Actual:
2597 ft.

Focus Map:
23

RESPONSE:

Name:	MOBILE SMELTING
Address:	UNITED STREET & REED ROAD
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	15330011
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	50
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP

MOBILE SMELTING (Continued) **S100183844**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joseph Tapia
Supervisor:	Joseph Tapia
Division Branch:	Engineering & Special Projects
Site Code:	100188
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	36
Senate:	16
Special Program Status:	Not reported
Status:	Active
Status Date:	06/29/1998
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	34.98296
Longitude:	-118.1507
APN:	429-170-12-000
Past Use:	METAL RECLAMATION, RECYCLING - SCRAP METAL
Potential COC :	* HYDROCARBON SOLVENTS * BAGHOUSE WASTE * WASTE POTENTIALLY CONTAINING DIOXINS Dioxin (as 2,3,7,8-TCDD TEQ Lead Cadmium and compounds Copper and compounds Zinc
Confirmed COC:	Cadmium and compounds Copper and compounds * WASTE POTENTIALLY CONTAINING DIOXINS 10009-NO Dioxin (as 2,3,7,8-TCDD TEQ Lead Zinc
Potential Description:	SOIL
Alias Name:	11189 United Street Mojave, CA
Alias Type:	Alternate Name
Alias Name:	429-170-12-000
Alias Type:	APN
Alias Name:	110008262030
Alias Type:	EPA (FRS #)
Alias Name:	P14028
Alias Type:	PCode
Alias Name:	100188
Alias Type:	Project Code (Site Code)
Alias Name:	15330011
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/07/1996
Comments:	RA -- A removal action consisting of the construction of a fence (approximately 1800 linear feet) around the western an northern site boundaries and repair of the existing fence (approximately 1500') on the east and south sides of the site was completed in February 1996. Fence construction was completed under a Task Order on October 24, 1996. Posting of signs was completed by DTSC staff on February 7, 1996.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	03/04/1994
Comments:	RA (Smelt) -- The copper and aluminum smelter, air pollution control system and baghouse were dismantled and decontaminated to remove smelting and emissions deposits. Decontamination consisted of using a super sucker vacuum to collect soil and ash from smelter and high pressure wash to remove remaining material. Carbon-blasting unit was

MOBILE SMELTING (Continued) **S100183844**

used to decontaminate the baghouse, known to contain high levels of 2,3,7,8 TCDD. Approx cost = $425,000 (HSA)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 11/30/1993
Comments: DESIGN (SMELT) - Development of methodologies for decontaminating a metals smelter and related facility. The report discusses the various methods for completing the decontamination of the smelter. Consideration of the methods was based on the waste types present, and the physical conditions of the contaminants and the risks posed by decontamination. Finally, a recommendation is proposed for the best method for completing the work. Approx. cost = $45,500 (HSA).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/05/1993
Comments: REMOVAL ACTION (ASH) -- Approximately 80 cubic yds of baghouse ash contaminated with dioxin/furan was repackaged into lined poly bags and stored in SECURED sea-cargo containers. the ash was previously stored in a trailer of poor integrity and eash access with the property. The site is located in an isolated area of the Mojave desert. Approx. cost = $40,000 HSA/BOND.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/10/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/14/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Engineering Evaluation / Cost Analysis - Time Critical
Completed Date: 01/31/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/03/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 10/24/1988
Comments: Site Inspection Done: Needs hazard ranking.

Completed Area Name: PROJECT WIDE

MOBILE SMELTING (Continued) **S100183844**

Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 06/10/2005
Comments: final report submitted in accordance to DTSC comments....

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 11/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/23/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/03/2007
Comments: Project completed 6/29/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/08/2008
Comments: Final Remedial Investigation report reviewed and accepted as complete 8/8/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 06/17/2010
Comments: final accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/13/2009
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/08/2011
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

MOBILE SMELTING (Continued) **S100183844**

Completed Date:	10/05/2012
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Design - Preliminary/Intermediate
Completed Date:	10/02/2013
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	10/03/2014
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Design/Implementation Workplan
Completed Date:	01/27/2014
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/16/2014
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/20/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan
Completed Date:	05/03/2018
Comments:	Not reported
Completed Area Name:	OU 1,2
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/22/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	04/09/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	12/30/1998
Comments:	A POLYMER SEALANT WAS REAPPLIED TO SITE SOILS AND ASH PILES TO MITIGATE THE POTENTIAL AIRBORNE TRANSPORT OF DUST AND CONTAMINATED

MOBILE SMELTING (Continued) **S100183844**

RUNOFF TO OFFSITE AREAS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 08/14/1992
Comments: Revision of Imminent and Substantial Endangerment Determination NO. 90/91-002 originally signed 10/31/90.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 10/26/1990
Comments: Imminent and Substantial Endangerment Determination signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/12/1988
Comments: Facility Identified: Rosamond Cancer Cluster Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/03/2003
Comments: contract and amendments

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/17/2012
Comments: Not reported

MOBILE SMELTING (Continued) **S100183844**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/01/2001
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 05/24/2018
Comments: Final Orphan Site Designation Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/18/2017
Comments: Notice of Contamination mailed 1/18/2017

Completed Area Name: OU 3C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/27/2018
Comments: draft=final

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
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

ENVIROSTOR:
Name: MOBILE SMELTING
Address: UNITED STREET & REED ROAD
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15330011
Status: Active
Status Date: 06/29/1998
Site Code: 100188
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 50
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Joseph Tapia
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects

MOBILE SMELTING (Continued) **S100183844**

Assembly:	36
Senate:	16
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.98296
Longitude:	-118.1507
APN:	429-170-12-000
Past Use:	METAL RECLAMATION, RECYCLING - SCRAP METAL
Potential COC:	* HYDROCARBON SOLVENTS * BAGHOUSE WASTE * WASTE POTENTIALLY CONTAINING DIOXINS Dioxin (as 2,3,7,8-TCDD TEQ Lead Cadmium and compounds Copper and compounds Zinc
Confirmed COC:	Cadmium and compounds Copper and compounds * WASTE POTENTIALLY CONTAINING DIOXINS 10009-NO Dioxin (as 2,3,7,8-TCDD TEQ Lead Zinc
Potential Description:	SOIL
Alias Name:	11189 United Street Mojave, CA
Alias Type:	Alternate Name
Alias Name:	429-170-12-000
Alias Type:	APN
Alias Name:	110008262030
Alias Type:	EPA (FRS #)
Alias Name:	P14028
Alias Type:	PCode
Alias Name:	100188
Alias Type:	Project Code (Site Code)
Alias Name:	15330011
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/07/1996
Comments:	RA -- A removal action consisting of the construction of a fence (approximately 1800 linear feet) around the western an northern site boundaries and repair of the existing fence (approximately 1500') on the east and south sides of the site was completed in February 1996. Fence construction was completed under a Task Order on October 24, 1996. Posting of signs was completed by DTSC staff on February 7, 1996.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	03/04/1994
Comments:	RA (Smelt) -- The copper and aluminum smelter, air pollution control system and baghouse were dismantled and decontaminated to remove smelting and emissions deposits. Decontamination consisted of using a super sucker vacuum to collect soil and ash from smelter and high pressure wash to remove remaining material. Carbon-blasting unit was used to decontaminate the baghouse, known to contain high levels of 2,3,7,8 TCDD. Approx cost = $425,000 (HSA)

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Design
Completed Date:	11/30/1993

MOBILE SMELTING (Continued) **S100183844**

Comments:	DESIGN (SMELT) - Development of methodologies for decontaminating a metals smelter and related facility. The report discusses the various methods for completing the decontamination of the smelter. Consideration of the methods was based on the waste types present, and the physical conditions of the contaminants and the risks posed by decontamination. Finally, a recommendation is proposed for the best method for completing the work. Approx. cost = $45,500 (HSA).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	11/05/1993
Comments:	REMOVAL ACTION (ASH) -- Approximately 80 cubic yds of baghouse ash contaminated with dioxin/furan was repackaged into lined poly bags and stored in SECURED sea-cargo containers. the ash was previously stored in a trailer of poor integrity and eash access with the property. The site is located in an isolated area of the Mojave desert. Approx. cost = $40,000 HSA/BOND.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/10/1993
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	07/14/1992
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Engineering Evaluation / Cost Analysis - Time Critical
Completed Date:	01/31/1992
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/03/1990
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Site Inspection (SI) Report
Completed Date:	10/24/1988
Comments:	Site Inspection Done: Needs hazard ranking.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	06/10/2005
Comments:	final report submitted in accordance to DTSC comments....
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

MOBILE SMELTING (Continued) **S100183844**

Completed Document Type: Risk Assessment Report
Completed Date: 11/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/23/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/03/2007
Comments: Project completed 6/29/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/08/2008
Comments: Final Remedial Investigation report reviewed and accepted as complete 8/8/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 06/17/2010
Comments: final accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/13/2009
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/08/2011
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/05/2012
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 10/02/2013

MOBILE SMELTING (Continued) **S100183844**

Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/03/2014
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/27/2014
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/16/2014
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/09/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/30/1998
Comments: A POLYMER SEALANT WAS REAPPLIED TO SITE SOILS AND ASH PILES TO MITIGATE THE POTENTIAL AIRBORNE TRANSPORT OF DUST AND CONTAMINATED RUNOFF TO OFFSITE AREAS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/13/2017
Comments: Not reported

MOBILE SMELTING (Continued) **S100183844**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 09/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 08/14/1992
Comments: Revision of Imminent and Substantial Endangerment Determination NO. 90/91-002 originally signed 10/31/90.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 10/26/1990
Comments: Imminent and Substantial Endangerment Determination signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/12/1988
Comments: Facility Identified: Rosamond Cancer Cluster Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/03/2003
Comments: contract and amendments

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 05/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/17/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MOBILE SMELTING (Continued) **S100183844**

Completed Document Type: Consent Decree
Completed Date: 01/01/2001
Comments: Not reported

Completed Area Name: OU 1,2
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 05/24/2018
Comments: Final Orphan Site Designation Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/18/2017
Comments: Notice of Contamination mailed 1/18/2017

Completed Area Name: OU 3C
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/27/2018
Comments: draft=final

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
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

Calsite:
Name: MOBILE SMELTING
Address: UNITED STREET & REED ROAD
City: MOJAVE
Region: SACRAMENTO
Facility ID: 15330011
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: CC
Branch Name: CENTRAL CALIFORNIA
File Name: Not reported
State Senate District: 06291998
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 33
SIC Name: MANU - PRIMARY METAL INDUSTRIES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Unknown
Staff Member Responsible for Site: RMEDINA
Supervisor Responsible for Site: Not reported

MOBILE SMELTING (Continued) **S100183844**

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:	34
State Senate District Code:	18
Facility ID:	15330011
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01121988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	SI
Activity Name:	SITE INSPECTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10241988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011

MOBILE SMELTING (Continued) **S100183844**

Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10311990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	ERA
Activity Name:	EXPEDITED RESPONSE ACTION
AWP Code:	POLYM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12031990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	A POLYMER COATING WAS APPLIED TO THE MOBILE SMELTING SITE AND PRCPROPERTY ACROSS THE STREET.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	FLDWK
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01311992
Est Person-Yrs to complete:	0

MOBILE SMELTING (Continued) **S100183844**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	OVRFS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01311992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	ASH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07141992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	40
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

MOBILE SMELTING (Continued) **S100183844**

Removal Action Certification:	N
Activity Comments:	ASH/SOIL REMOVAL FROM SOUTH DRIVEWAY OF SITE. RA CONDUCTED BY ITCORPORATION.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	I/SED
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08141992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03181993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RA

MOBILE SMELTING (Continued) **S100183844**

Activity Name:	REMOVAL ACTION
AWP Code:	DEBRI
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05101993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	6000
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	APPROXIMATELY 6,000 CY OF DEBRIS AND LIQUID WASTE WERE REMOVED FORRECYCLING AND/OR DISPOSAL AFTER DECONTAMINATION.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05131993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	ASH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11051993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

MOBILE SMELTING (Continued) **S100183844**

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	80
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	APPROXIMATELY 80 CY OF BAGHOUSE ASH CONTAMINATED W/IDOXIN/FURAN WASREPACKAGED INTO LINED POLY BAGS AND STORED IN SECURED SEA-CARGO CON-TAINERS.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SMELT
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SMELT
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03041994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

MOBILE SMELTING (Continued) **S100183844**

Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	THE COPPER AND ALUMINUM SMELTER, AIR POLLUTION CONTROL SYSTEM AND BAG-HOUSE WERE DISMANTLED AND DECONTAMINATED TO REMOVE SMELTING AND EMMIS-SIONS DEPOSITS. AMOUNT TREATED WAS NOT READILY AVAILABLE.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	PHAS2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05181994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	FINAL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03311995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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

MOBILE SMELTING (Continued) **S100183844**

Facility ID:	15330011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	FENCE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02071996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	N
Activity Comments:	CONSTRUCTION OF A FENCE AROUND THE WESTERN AND NORTHERN SITEBOUNDARIES AND REPAIR OF THE EXISTING FENCE ON THE EAST AND SOUTHSIDES OF SITE. POSTING OF SIGNS.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	POLY
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

MOBILE SMELTING (Continued) **S100183844**

Comments Date:	12301998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	160
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	A POLYMER SEALANT WAS APPLIED TO SITE SOILS AND ASH PILES TO ELIMINATEPOTENTIAL OFF-SITE MOVEMENT OF DUST AND CONTAMINATED RUN-OFF.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	15330011
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	STLMT
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02242000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	03302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

MOBILE SMELTING (Continued) **S100183844**

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
Facility ID:	15330011
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	09302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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
Facility ID:	15330011
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	03302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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

MOBILE SMELTING (Continued) **S100183844**

Facility ID:	15330011
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	09302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
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:	UNITED STREET & REED ROAD
Alternate City,St,Zip:	MOJAVE, CA 93501

Background Info:

The Mobile Smelting site consists of a fenced 11-acre parcel in which copper (Cu) and aluminum (Al)were recovered from insulated wire and scrap metal via an incinerator. Airborne incinerator ash is recovered in the bag house air pollution equipment. Following collection, the ash is placed in plastic bags and then inside burlap bags which are then stored in a trailer located on-site. The furnace/bottom ash is collected at the base of the furnace and deposited in piles outside the building. Past ash handling practices are unknown.

Soil/ash samples indicate dioxin/furan (2378 TCDD, TEF) contamination as high as 323,000 parts per billion (ppb) in the bag house ash, and 20 ppb in the ash piles outside the building. Also detected in the bag house ash were cadmium (Cd),Cu, and lead (Pb) in concentrations as high as 840 parts per million (ppm), 120,000 ppm, and 64,000 ppm, respectively.

Residents in a near-by apartment complex may be subject to exposure via wind or direct contact with contaminated ash or soil.

DHS obtained a court approved stipulation agreement for the purpose of obtaining access to the site and preventing future operation of the onsite incineration.

A polymer coating sprayed on the contaminated ash and soil was completed in November 1990. The coating will serve as a dust suppressant.

Based on the presence of dioxins/furans (2,3,7,8 TCDD) a contractor for DTSC completed a Feasibility Study to identify remedial alternatives for handling dioxin contaminated waste including metals contaminated soils and ash. DTSC approved the final Feasibility Study in January 1992.

In March 1993, ash material contaminated with heavy metals and dioxins was removed from outside the southern boundary of the site. The ash was stockpiled on the site for future

MOBILE SMELTING (Continued) **S100183844**

consideration.
Upon completion of the Feasibility Study, DTSC began taking measures to prepare the site for conducting the Remedial Investigation and conducting long-term stabilization DTSC estimated that there existed approximately 25,000 cubic yards of miscellaneous metal debris and scrap throughout the site. In May 1993, the debris removal and decontamination was completed. In November 1993, contractors repackaged baghouse ash into lined bulk lift sacks and relocated them in secured cargo containers. Prior to being repackaged, the ash had been stored in plastic bags inside burlap sacks and in a delapidated travel trailer on-site. Additional bags of baghouse ash located throughout the site were also repackage
A smelter dismantling and decontamination design and workplan were developed in order to eliminate the exposure threat of the smelter to humans and the environment. The design/workplan was completed in November 1993. In March 1994, the smelter was dismantled and decontaminated.
Receipts obtained from the facility operator have identified approximately 250 contributors as potential responsible parties. The first phase of the potential responsible party search consisted of verifying those PRP's identified from receipts and sending information request letters in order to obtain the source of material and further records of transactions. The first phase was completed in May 1993, consisting of a compilation of information obtained from the PRP's. The second phase of the PRP search consisted of sending information request letters to additional contributors identified from site records and generators identified by contributors. This phase 2 PRP search report was completed in May 1994.

Comments Date: 01111991
Comments: DHS received EPA FIT Screening Site Inspection. EPA is
Comments Date: 01111991
Comments: taking no further action (08/16/90).
Comments Date: 01121988
Comments: Facility Identified: Rosamond Cancer Cluster Investigation.
Comments Date: 01142000
Comments: Additional Dioxin soil sampling conducted at and around the
Comments Date: 01142000
Comments: Mobile smelting site on 10/21/99 and 12/07/99. Analytical results
Comments Date: 01142000
Comments: were received on 01/07/2000. The additional Dioxin sampling data
Comments Date: 01142000
Comments: will be incorporated into the Draft Remedial Investigation/
Comments Date: 01142000
Comments: Feasibility Study report for completion of this report.
Comments Date: 01311991
Comments: This is the date the site was first listed pursuant to
Comments Date: 01311991
Comments: section 25356.
Comments Date: 02071996
Comments: RA -- A removal action consisting of the construction of a fence
Comments Date: 02071996
Comments: (approximately 1800 linear feet) around the western an northern
Comments Date: 02071996
Comments: site boundaries and repair of the existing fence (approximately
Comments Date: 02071996

MOBILE SMELTING (Continued) **S100183844**

Comments:	1500') on the east and south sides of the site was completed in
Comments Date:	02071996
Comments:	February 1996. Fence construction was completed under a Task
Comments Date:	02071996
Comments:	Order on October 24, 1996. Posting of signs was completed by
Comments Date:	02071996
Comments:	DTSC staff on February 7, 1996.
Comments Date:	02242000
Comments:	COST/STLMT - DTSC entered into a settlement with Herman Berkovics
Comments Date:	02242000
Comments:	for $75,000. The settlement included $50,000 in insurance pro-
Comments Date:	02242000
Comments:	ceeds and $25,000 from Mr. Berkovics. DTSC settled with Mr.
Comments Date:	02242000
Comments:	Berkovics after reiewing his financial status and determining
Comments Date:	02242000
Comments:	that he had insufficient funds to contribute more than the settle
Comments Date:	02242000
Comments:	-ment amount for site cleanup.
Comments Date:	03041994
Comments:	RA (Smelt) -- The copper and aluminum smelter, air pollution
Comments Date:	03041994
Comments:	control system and baghouse were dismantled and decontaminated to
Comments Date:	03041994
Comments:	remove smelting and emissions deposits. Decontamination
Comments Date:	03041994
Comments:	consisted of using a super sucker vacuum to collect soil and ash
Comments Date:	03041994
Comments:	from smelter and high pressure wash to remove remaining material.
Comments Date:	03041994
Comments:	Carbon-blasting unit was used to decontaminate the baghouse,
Comments Date:	03041994
Comments:	known to contain high levels of 2,3,7,8 TCDD.
Comments Date:	03041994
Comments:	Approx cost = $425,000 (HSA)
Comments Date:	03061992
Comments:	RA ASH completed. Ash/soil removal from south driveway of
Comments Date:	03061992
Comments:	site. DHS implemented directly. 40 cubic yards removed.
Comments Date:	03161988
Comments:	Records Search: Kern County files.
Comments Date:	03181993
Comments:	PRP search completed. Identified parties who have or may
Comments Date:	03181993
Comments:	have contributed to contamination at the site and may be
Comments Date:	03181993
Comments:	responsible for costs associated with cleaning the site.
Comments Date:	03181993
Comments:	Approx cost was $82,152 (Bond fund).
Comments Date:	03311995
Comments:	PRP (FINAL) -- This is the final phase of the Potential
Comments Date:	03311995
Comments:	Responsible Party Search. Over 250 arrangers and generators
Comments Date:	03311995
Comments:	were identified during the course of the investigation.
Comments Date:	03311995
Comments:	From the original list of PRPs, fourteen (14) PRPs were

MOBILE SMELTING (Continued) **S100183844**

Comments Date:	03311995
Comments:	identified to issue a Remedial Action Order to continue
Comments Date:	03311995
Comments:	remediation activities at the site. The fourteen PRPs were
Comments Date:	03311995
Comments:	selected based on the type and volume of material processed
Comments Date:	03311995
Comments:	at the site, or sold, documented evidence of having done
Comments Date:	03311995
Comments:	business with Mobile Smelting and viability.
Comments Date:	04101998
Comments:	The stipulation for entry of Final Judgement and regarding
Comments Date:	04101998
Comments:	(Order) defendent Alpert & Alpert Iron Metal, Inc. issued on
Comments Date:	04101998
Comments:	4/10/98. The Order directs Alpert & Alpert to complete the
Comments Date:	04101998
Comments:	RI/FS.
Comments Date:	05041993
Comments:	RA (DEBRIS) - Approx. 6,000 cubic yards of debris and liquid
Comments Date:	05041993
Comments:	waste were removed fro recycling and/or disposal after
Comments Date:	05041993
Comments:	decontamination. APPROX. COST = $1,000,000.
Comments Date:	05111988
Comments:	DHS/TSCD conducted questionnaire survey of past hazardous
Comments Date:	05111988
Comments:	waste practices.
Comments Date:	05131993
Comments:	COST -- A cross-complaint was filed for cost recovery of funds
Comments Date:	05131993
Comments:	expended by the Department for site mitigation activities.
Comments Date:	05181994
Comments:	PRP SEARCH -- The Contractor for the DTSC identified and sent
Comments Date:	05181994
Comments:	Information Request Letters to parties conducting business with
Comments Date:	05181994
Comments:	Mobile Smelting. The parties contracted by consignment with
Comments Date:	05181994
Comments:	Mobile Smelting to smelt aluminum and copper for reuse. DTSC is
Comments Date:	05181994
Comments:	seeking information for the origin of the material smelted by
Comments Date:	05181994
Comments:	Mobile Smelting. DTSC is searching for PRPs to conduct the site
Comments Date:	05181994
Comments:	investigation and cleanup and pay past costs incurred.
Comments Date:	05181994
Comments:	Approx. cost = $20,000
Comments Date:	07251991
Comments:	Records Search: Metal recovery business. Contaminants
Comments Date:	07251991
Comments:	include dioxin/furans, Cd, Cu, and Pb.
Comments Date:	08141992
Comments:	Revision of Imminent and Substantial Endangerment
Comments Date:	08141992
Comments:	Determination NO. 90/91-002 originally signed 10/31/90.
Comments Date:	08151988

MOBILE SMELTING (Continued) **S100183844**

Comments:	Sample results show heavy metals, semi-volatiles, and
Comments Date:	08151988
Comments:	dioxins/furans in soil & ash.
Comments Date:	09122001
Comments:	Additional dioxin soil sampling was conducted by consultants to
Comments Date:	09122001
Comments:	identify the extent of contamination from the mobile smelting
Comments Date:	09122001
Comments:	site. The additonal sampling was an attempt to characterize
Comments Date:	09122001
Comments:	the site down to 20 parts per trillion level.
Comments Date:	10241988
Comments:	Site Inspection Done: Needs hazard ranking.
Comments Date:	10311990
Comments:	Imminent and Substantial Endangerment Determination signed.
Comments Date:	11041999
Comments:	Comments letter sent to Alpert & Alpert's consultant in regards
Comments Date:	11041999
Comments:	to draft RI/FS. The comment letter addressed deficiencies in
Comments Date:	11041999
Comments:	the RI/FS submittal.
Comments Date:	11051993
Comments:	REMOVAL ACTION (ASH) -- Approximately 80 cubic yds of
Comments Date:	11051993
Comments:	baghouse ash contaminated with dioxin/furan was repackaged
Comments Date:	11051993
Comments:	into lined poly bags and stored in SECURED sea-cargo
Comments Date:	11051993
Comments:	containers. the ash was previously stored in a trailer of
Comments Date:	11051993
Comments:	poor integrity and eash access with the property. The site
Comments Date:	11051993
Comments:	is located in an isolated area of the Mojave desert.
Comments Date:	11051993
Comments:	Approx. cost = $40,000 HSA/BOND.
Comments Date:	11301990
Comments:	ERA: Polymer coating.
Comments Date:	11301993
Comments:	DESIGN (SMELT) - Development of methodologies for decontaminating
Comments Date:	11301993
Comments:	a metals smelter and related facility. The report discusses the
Comments Date:	11301993
Comments:	various methods for completing the decontamination of the
Comments Date:	11301993
Comments:	smelter. Consideration of the methods was based on the waste
Comments Date:	11301993
Comments:	types present, and the physical conditions of the contaminants
Comments Date:	11301993
Comments:	and the risks posed by decontamination. Finally, a recommendation
Comments Date:	11301993
Comments:	is proposed for the best method for completing the work.
Comments Date:	11301993
Comments:	Approx. cost = $45,500 (HSA).
Comments Date:	12031999
Comments:	Additional comments letter sent to Alpert's consultant.
Comments Date:	12301998
Comments:	RA/POLY -- A POLYMER SEALANT WAS APPLIED TO SITE SOILS AND

MOBILE SMELTING (Continued) **S100183844**

Comments Date: 12301998
Comments: ASH PILES TO ELIMINATE THE POTENTIAL OFFSITE MOVEMENT OF
Comments Date: 12301998
Comments: DUST AND CONTAMINATED RUNOFF.
ID Name: CALSTARS CODE
ID Value: 100188
ID Name: BEP DATABASE PCODE
ID Value: P14028
Alternate Name: MOBILE SMELTING
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

CORTESE:
Name: MOBILE SMELTING
Address: UNITED STREET & REED ROAD
City,State,Zip: MOJAVE, CA 93501
Region: CORTESE
Envirostor Id: 15330011
Global ID: Not reported
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 06/29/1998
Site Code: 100188
Latitude: 34.982963
Longitude: -118.15074
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
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: Haz Waste & Substances Sites

CERS:
Name: MOBILE SMELTING
Address: UNITED STREET & REED ROAD
City,State,Zip: MOJAVE, CA 93501
Site ID: 340138
CERS ID: 15330011
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: JOSEPH TAPIA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: CLOVIS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

MOBILE SMELTING (Continued) **S100183844**

Affiliation Type Desc:	Supervisor
Entity Name:	KEVIN SHADDY
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:	Not reported

DK846 **COURTAULDS AEROSPACE** **ENVIROSTOR** **S107736186**
South **UNITED STREET AND REED AVENUE** **VCP** **N/A**
1/2-1 **MOJAVE, CA 93501**
0.997 mi.
5263 ft. **Site 2 of 2 in cluster DK**

Actual:
2597 ft.

Focus Map:
23

ENVIROSTOR:

Name:	COURTAULDS AEROSPACE
Address:	UNITED STREET AND REED AVENUE
City,State,Zip:	MOJAVE, CA 93501
Facility ID:	15990002
Status:	Active
Status Date:	07/20/2009
Site Code:	100578
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	156
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joseph Tapia
Supervisor:	Joseph Tapia
Division Branch:	Engineering & Special Projects
Assembly:	36
Senate:	16
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.9822
Longitude:	-118.1477
APN:	NONE SPECIFIED
Past Use:	AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC:	* CONTAMINATED SOIL * WASTE POTENTIALLY CONTAINING DIOXINS Lead Copper and compounds Zinc
Confirmed COC:	* WASTE POTENTIALLY CONTAINING DIOXINS Lead * CONTAMINATED SOIL Copper and compounds Zinc
Potential Description:	SOIL
Alias Name:	CORTAULDS
Alias Type:	Alternate Name
Alias Name:	CORTAULDS AEROSPACE
Alias Type:	Alternate Name
Alias Name:	COURTAULDS AEROSPACE
Alias Type:	Alternate Name
Alias Name:	110033616442
Alias Type:	EPA (FRS #)
Alias Name:	100578

COURTAULDS AEROSPACE (Continued) **S107736186**

Alias Type: Project Code (Site Code)
Alias Name: 15990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Workplan
Completed Date: 09/18/2007
Comments: DTSC approval of selected locations of 10 additional dioxin soil samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/14/2009
Comments: Proposed Cleanup letter/report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/09/1996
Comments: ORDER/VCA -- A Voluntary Cleanup Agreement was executed between DTSC and Courtaulds Aerospace Site Joint Group and Bank of America (collectively). The VCA calls for the completion of site characterization and carries through implementation of any identified necessary remedial actions with full DTSC oversight. Costs for DTSC oversight are extimated at $38,606.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/12/2015
Comments: Package signed 6/12/2015. Envirostor request to file placed on

COURTAULDS AEROSPACE (Continued) **S107736186**

6/12/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/02/2016
Comments: correspondence documents

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/10/2018
Comments: Status Inquiry Letter Oct 2018

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2021
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: COURTAULDS AEROSPACE
Address: UNITED STREET AND REED AVENUE
City,State,Zip: MOJAVE, CA 93501
Facility ID: 15990002
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 156
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Joseph Tapia
Supervisor: Joseph Tapia
Division Branch: Engineering & Special Projects
Site Code: 100578
Assembly: 36
Senate: 16
Special Programs Code: Voluntary Cleanup Program
Status: Active
Status Date: 07/20/2009
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.9822 / -118.1477
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE
Potential COC: 10097, 20018, 30013, 30156, 30594
Confirmed COC: 20018,30013,10097,30156,30594

COURTAULDS AEROSPACE (Continued) **S107736186**

Potential Description: SOIL
Alias Name: CORTAULDS
Alias Type: Alternate Name
Alias Name: CORTAULDS AEROSPACE
Alias Type: Alternate Name
Alias Name: COURTAULDS AEROSPACE
Alias Type: Alternate Name
Alias Name: 110033616442
Alias Type: EPA (FRS #)
Alias Name: 100578
Alias Type: Project Code (Site Code)
Alias Name: 15990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Workplan
Completed Date: 09/18/2007
Comments: DTSC approval of selected locations of 10 additional dioxin soil samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/14/2009
Comments: Proposed Cleanup letter/report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 09/09/1996
Comments: ORDER/VCA -- A Voluntary Cleanup Agreement was executed between DTSC and Courtaulds Aerospace Site Joint Group and Bank of America (collectively). The VCA calls for the completion of site characterization and carries through implementation of any identified necessary remedial actions with full DTSC oversight. Costs for DTSC oversight are extimated at $38,606.

Completed Area Name: PROJECT WIDE

COURTAULDS AEROSPACE (Continued) **S107736186**

Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/12/2015
Comments: Package signed 6/12/2015. Envirostor request to file placed on 6/12/2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/02/2016
Comments: correspondence documents

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/10/2018
Comments: Status Inquiry Letter Oct 2018

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2021
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

Count: 6 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MOJAVE	S124950503	MOBILE SMELTING	UNITED CARBON RD. @ REED RD.	93501	HWTS
MOJAVE	S124952010	MOBILE SMELTING CO.	UNITED CARBON RD. @ REED RD.	93501	HWTS
MOJAVE	1015888643	MOBILE SMELTING	CORNER UNITED & REED RD	93501	ICIS, FINDS, ECHO
MOJAVE	1023362339	RE BARREN RIDGE 1	26709 STATE HIGHWAY 14	93501	FINDS
MOJAVE	S106829036	COLUMBIAN CHEMICALS	UNITED WAY (PO BOX 760)	93501	EMI
MOJAVE	S123770872	1X MOBILE SMELTING CO.	UNITED CARBON RD. AT REED RD.	93501	HAZNET, HWTS

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

Federal NPL site list

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
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.

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

Federal Delisted NPL site list

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
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 know 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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 11/04/2019
Date Data Arrived at EDR: 11/13/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 76

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 05/25/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

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: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 78

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes 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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
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
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
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
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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
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 Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
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
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
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
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
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
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/02/2020
Data Release Frequency: Varies

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: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
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
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
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
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
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
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
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
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/25/2020
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/11/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
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
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds 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: 12/18/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
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: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
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: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

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: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/19/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
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: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

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

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.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

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: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/24/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 68

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 11/12/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

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: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
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: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 05/25/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
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
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 06/01/2020
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: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 8

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 05/18/2020
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: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/06/2020
Next Scheduled EDR Contact: 06/15/2020
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 07/13/2020
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
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.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/13/2020
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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: 12/03/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/02/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/06/2019
Date Data Arrived at EDR: 11/25/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/25/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 78

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 89

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
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: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/18/2019
Date Data Arrived at EDR: 12/20/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 62
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 65
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/31/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/04/2019
Date Data Arrived at EDR: 01/29/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 71

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Annually

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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 02/19/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

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: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/24/2020
Number of Days to Update: 76
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/11/2019
Date Data Arrived at EDR: 12/12/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: No Update Planned

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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51
Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63
Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 08/17/2020
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: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 66

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/27/2019
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/09/2020
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: 10/08/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 62

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/13/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 70

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 02/13/2020
Date Data Arrived at EDR: 02/14/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 70

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/13/2020
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
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: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
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: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 07/27/2020
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: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
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: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/27/2020
Next Scheduled EDR Contact: 07/06/2020
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: 12/31/2019
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
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
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/27/2020
Number of Days to Update: 68
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29
Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/20/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 67

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/13/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 03/05/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/05/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/10/2020
Number of Days to Update: 66

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 06/29/2020
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: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 59
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
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: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 70
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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.

Date of Government Version: 11/26/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 12/26/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite 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: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
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: 01/08/2020
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 57

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

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: 02/20/2020
Next Scheduled EDR Contact: 06/22/2020
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: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 68

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 72

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
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: 01/02/2020
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
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: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
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
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
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: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
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: 11/26/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/12/2019
Date Data Arrived at EDR: 01/15/2020
Date Made Active in Reports: 03/25/2020
Number of Days to Update: 70

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 71

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 01/30/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
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
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

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: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/18/2020
Next Scheduled EDR Contact: 06/01/2020
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: 03/09/2020
Next Scheduled EDR Contact: 06/22/2020
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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

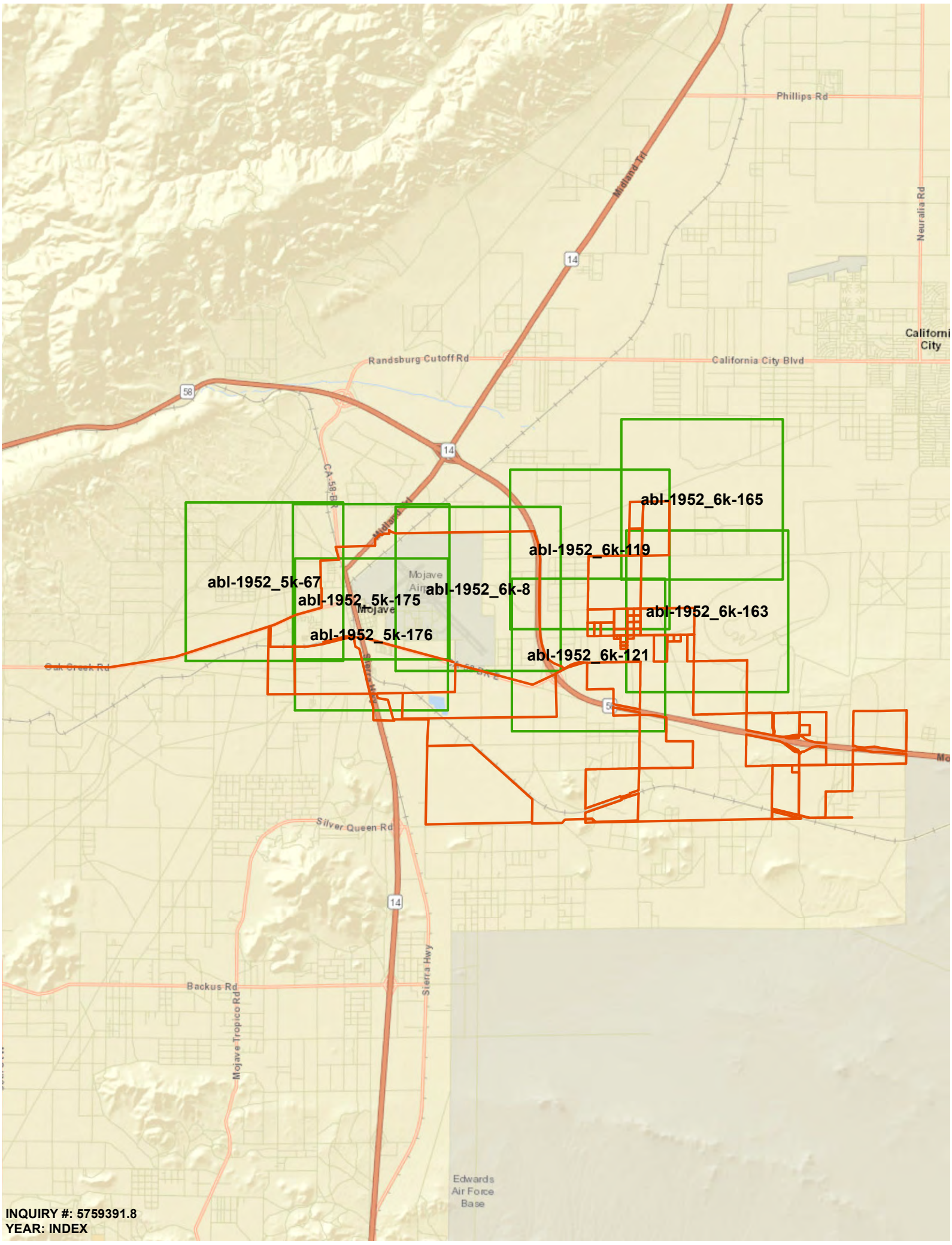
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

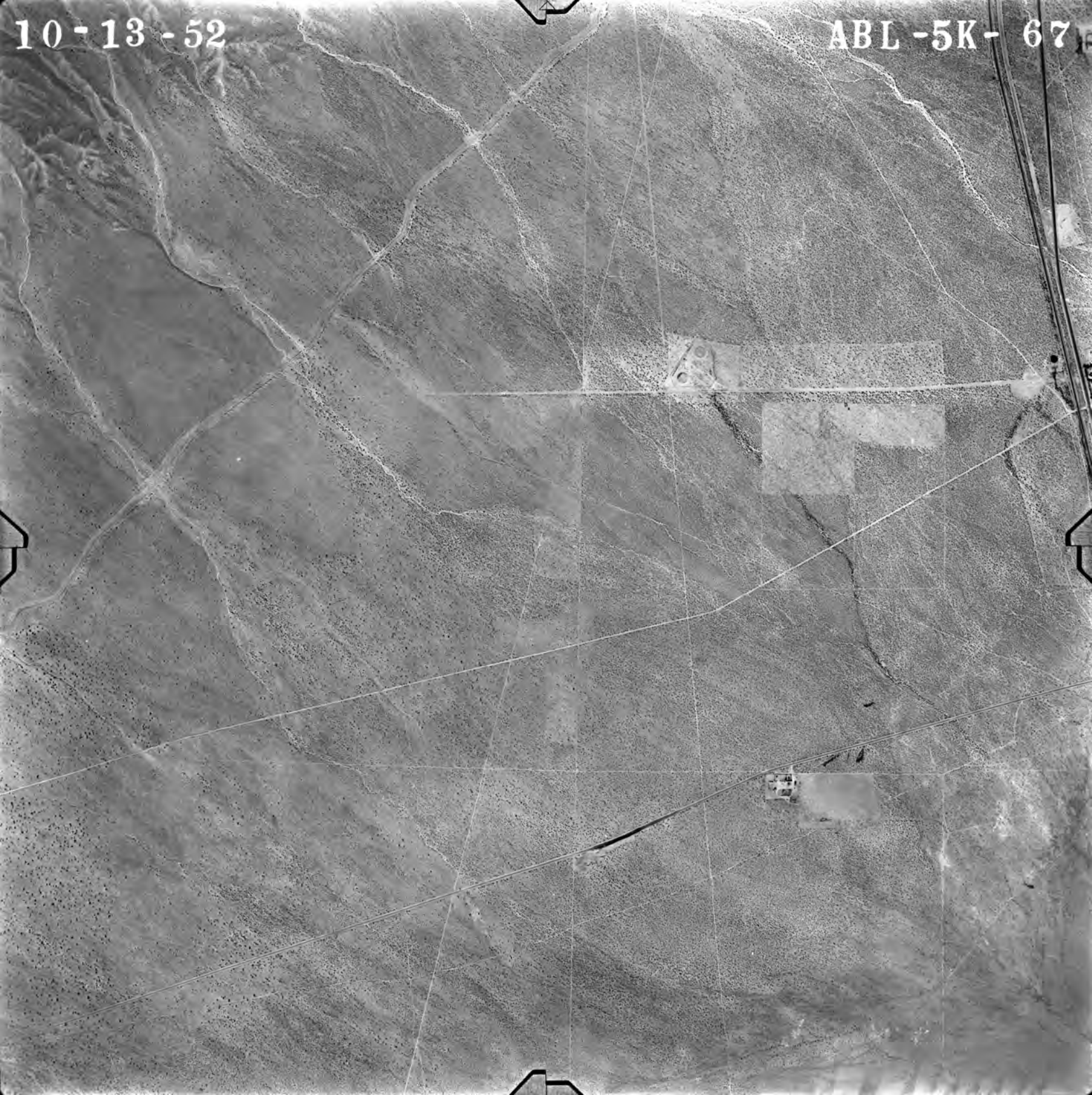
STREET AND ADDRESS INFORMATION

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Appendix D HISTORICAL RECORDS

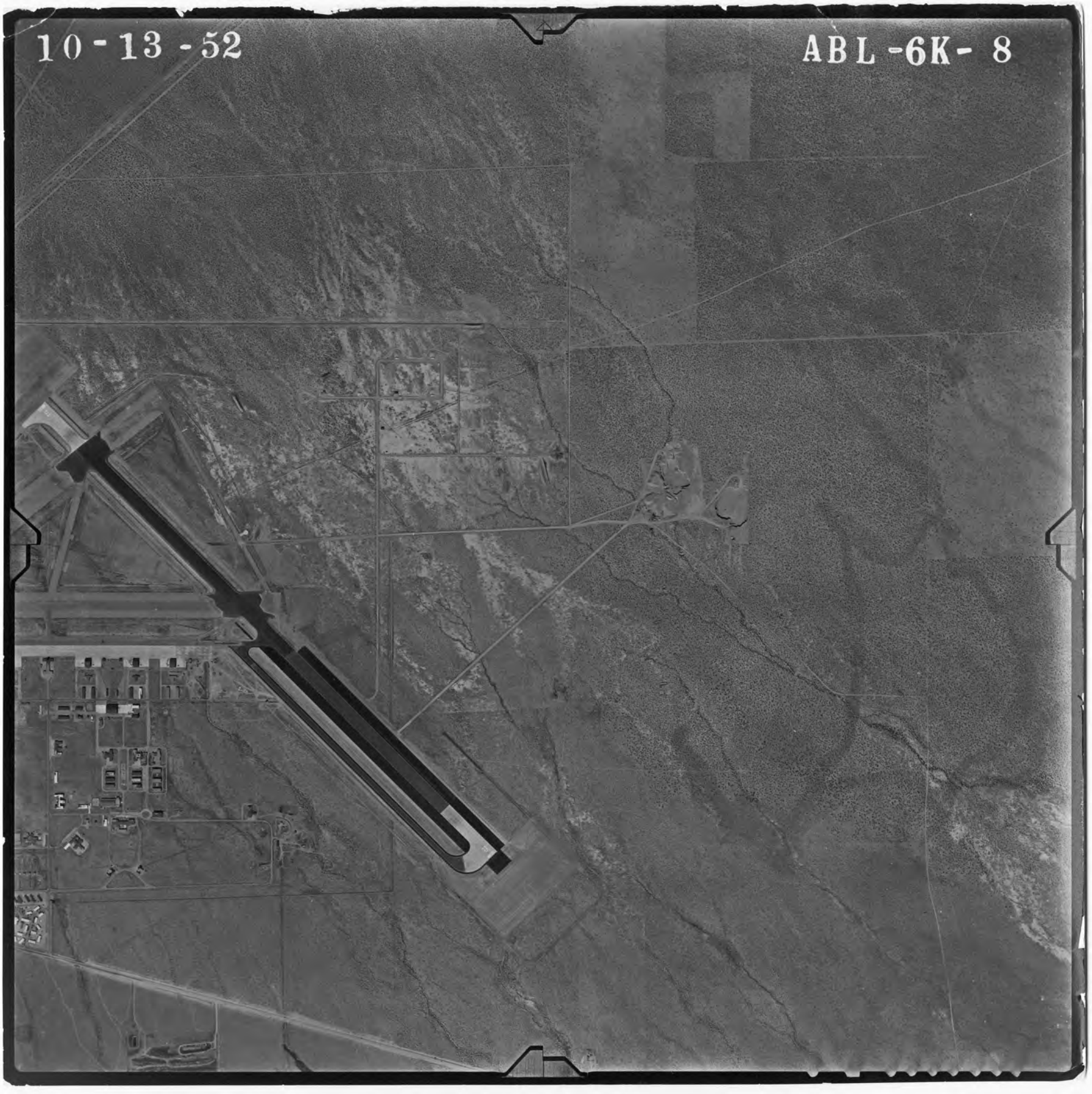


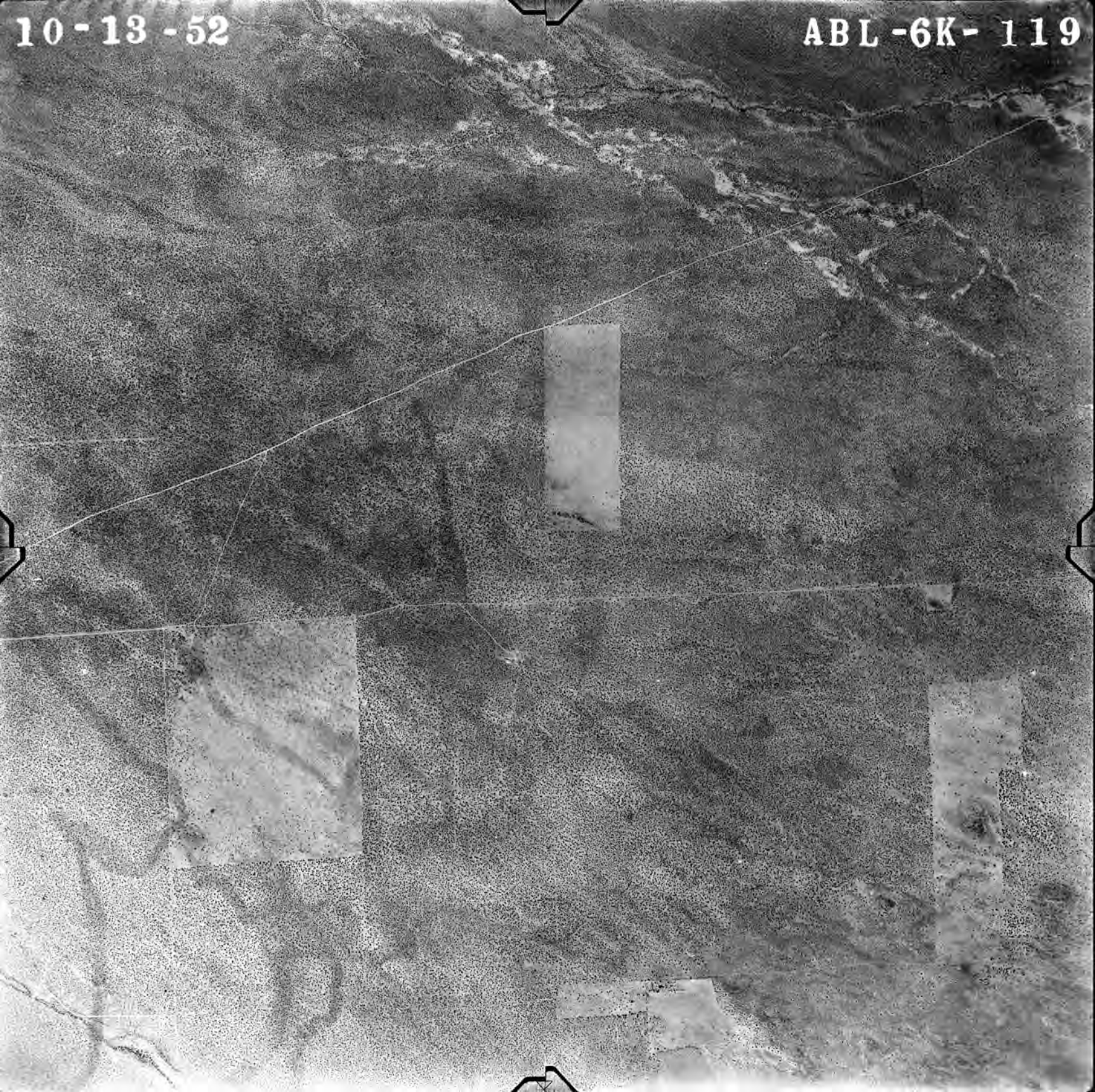
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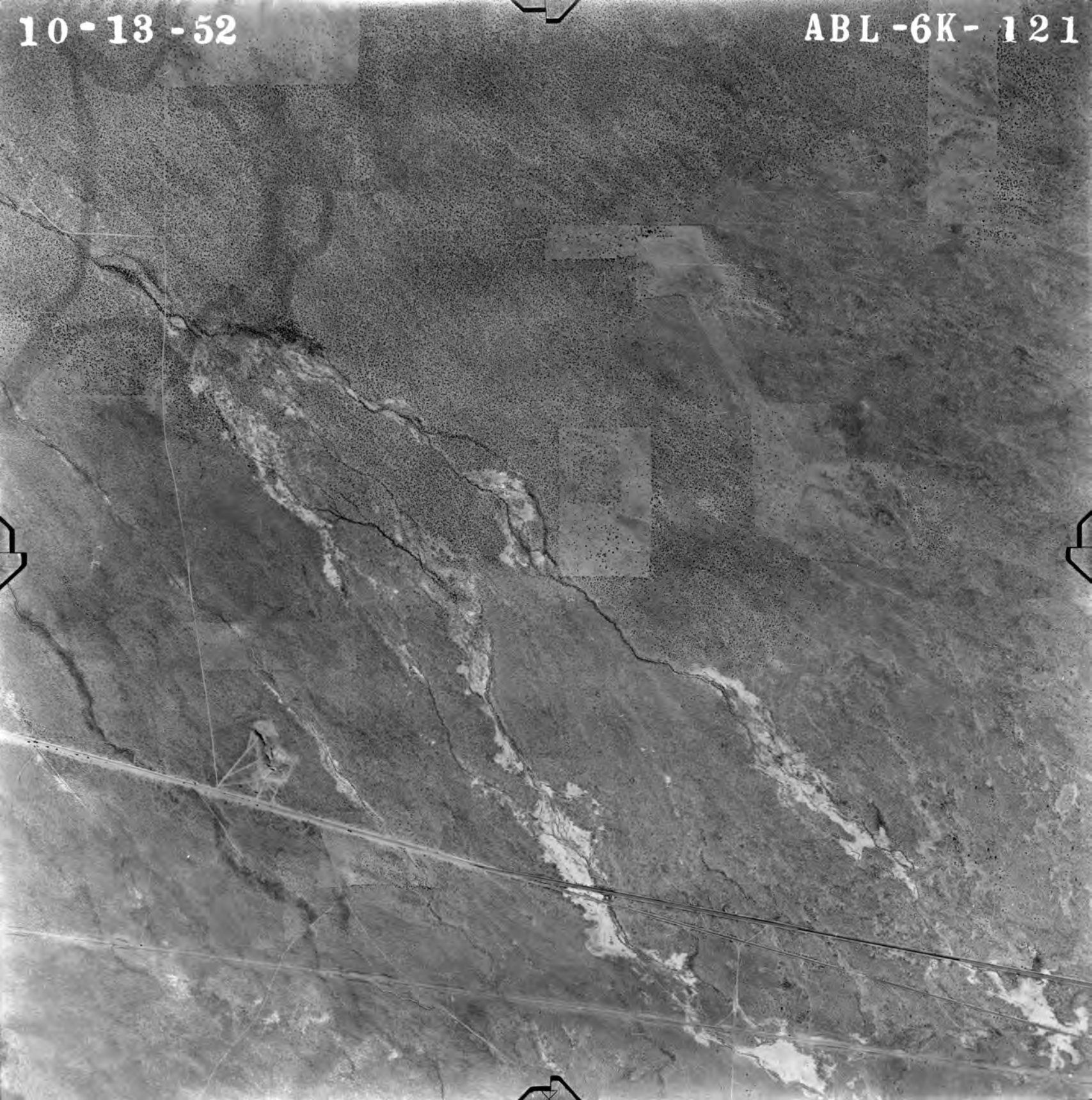

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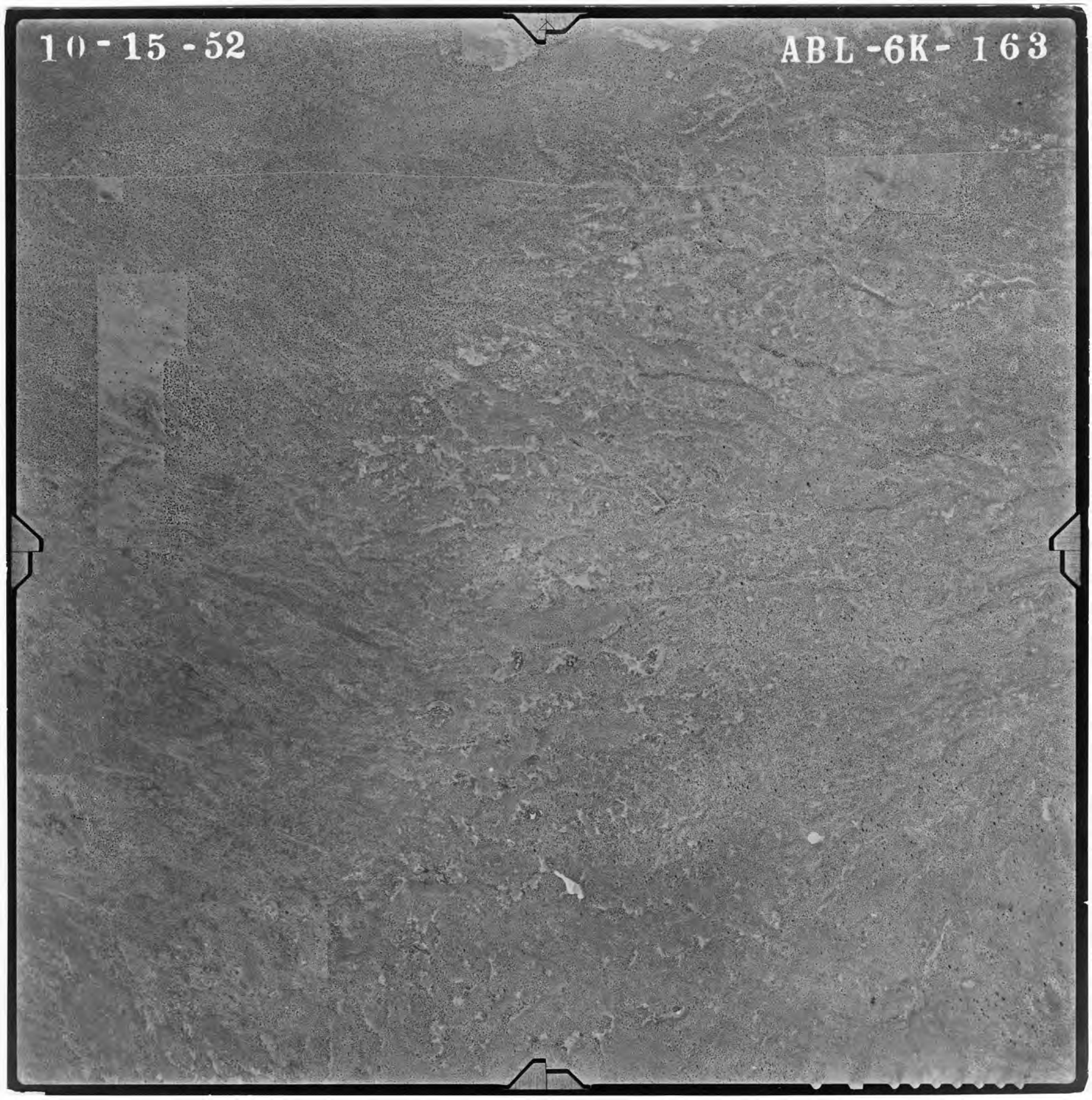

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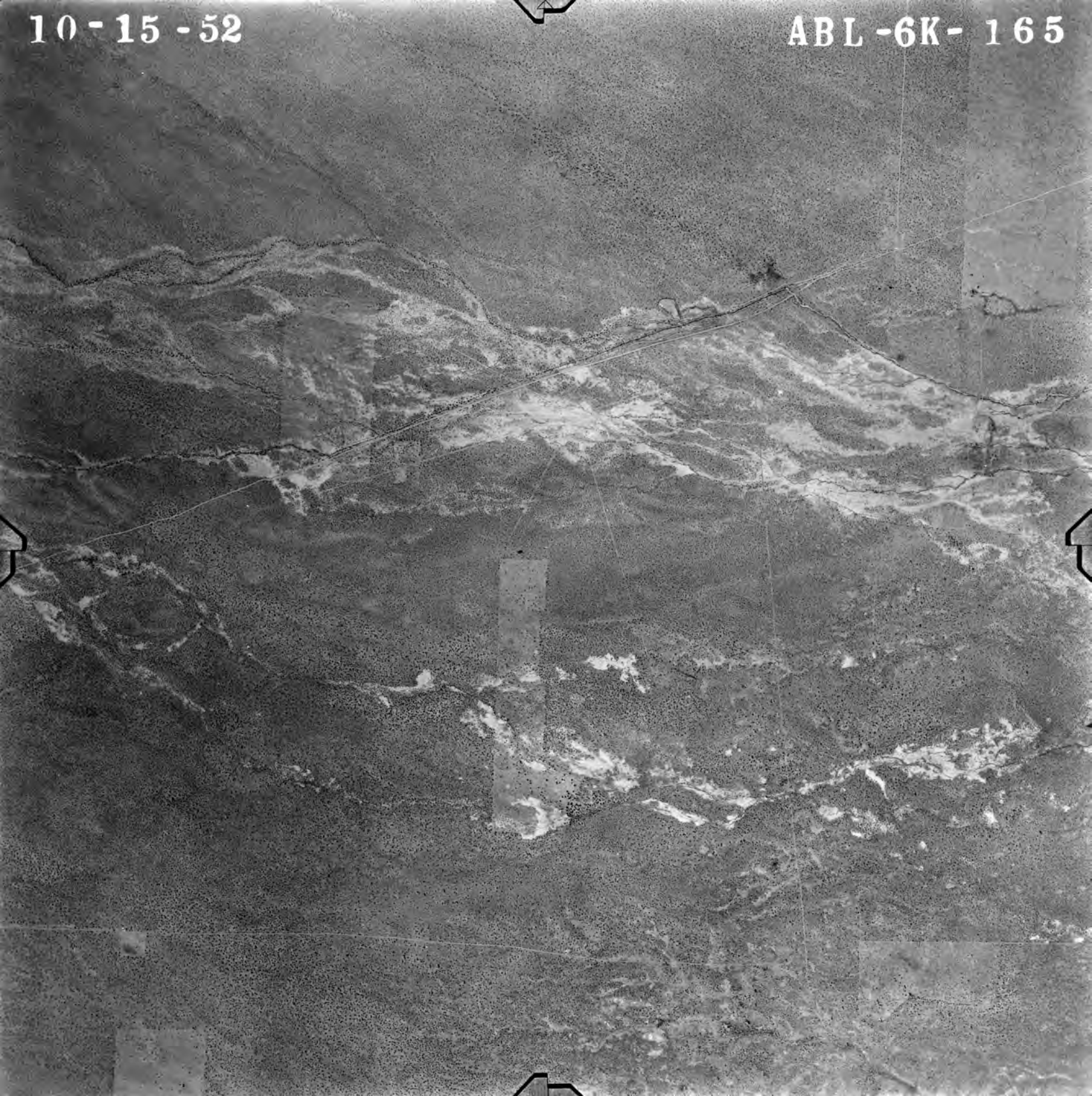

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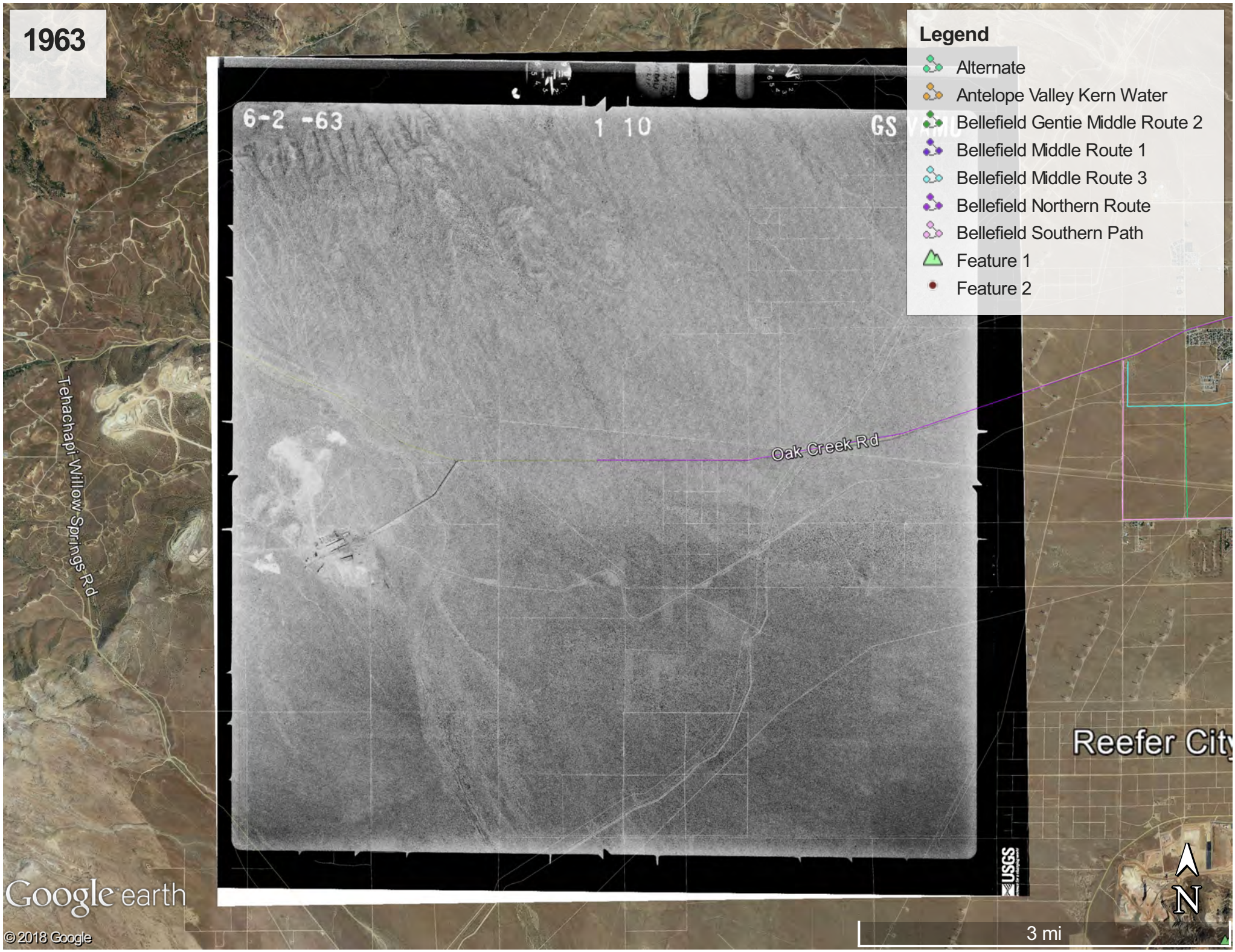

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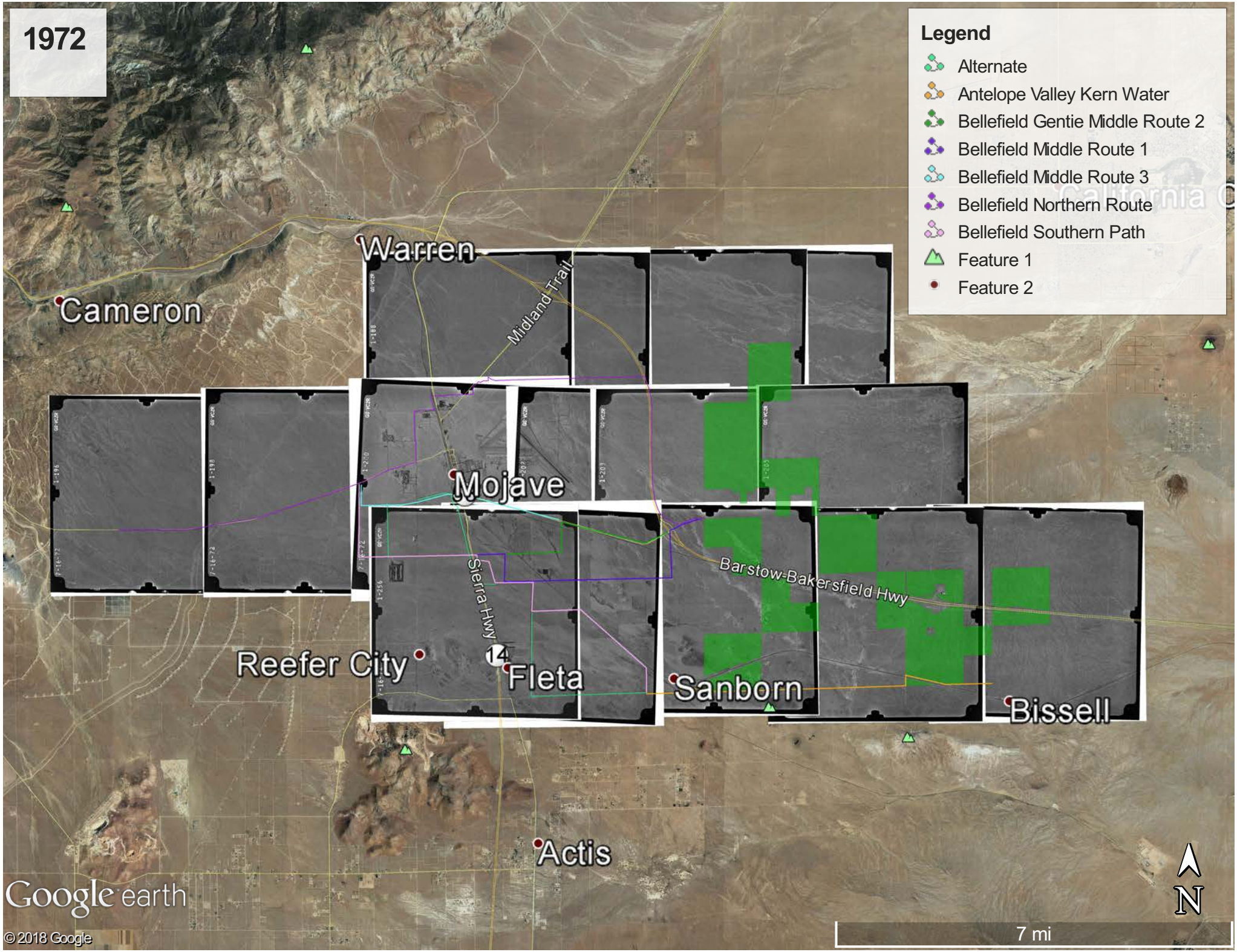

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ABL-6K-121


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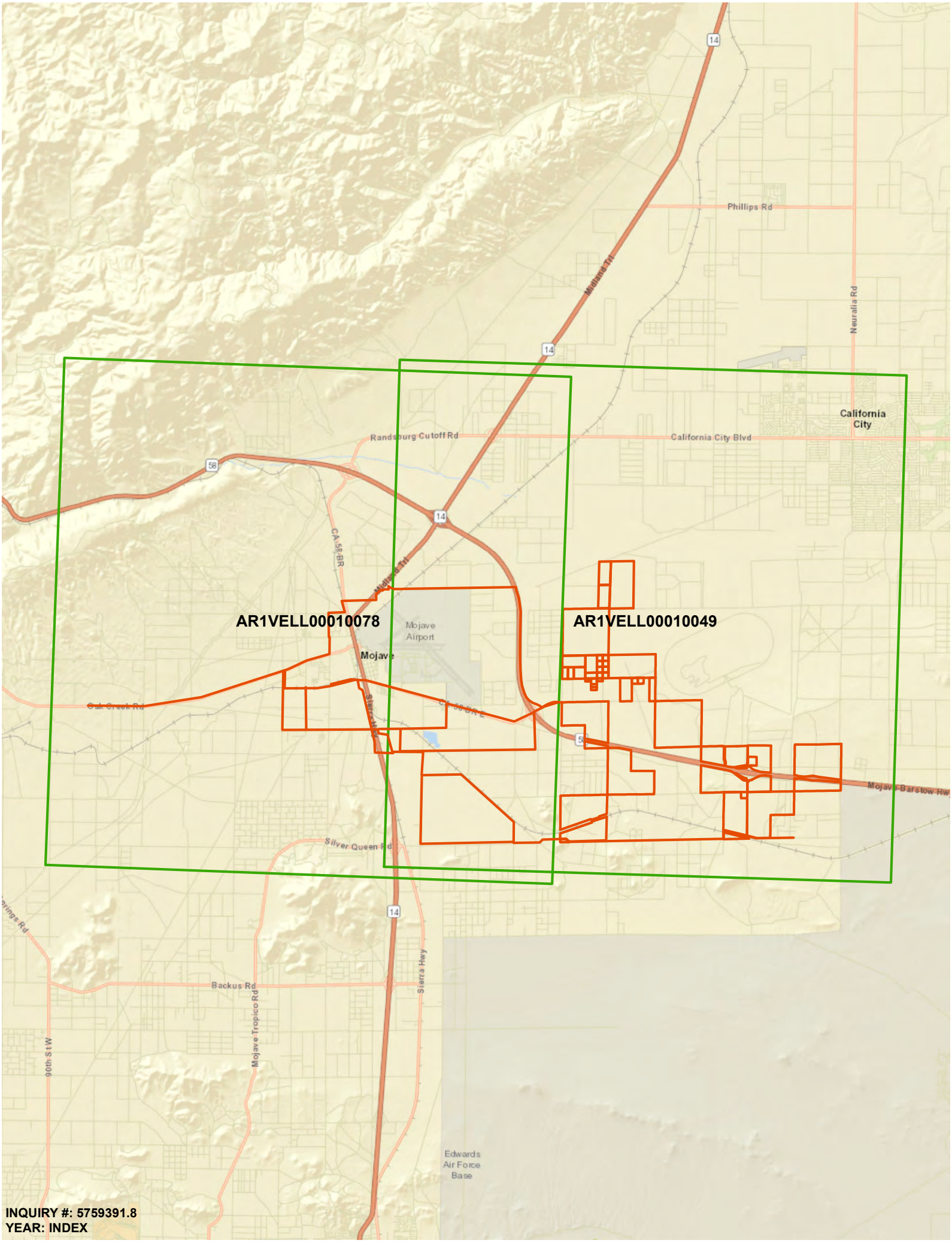

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1963
6-2 -63
1 10
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USGS
Legend
Alternate
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Feature 2
Oak Creek Rd
Tehachapi Willow Springs Rd
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Google earth
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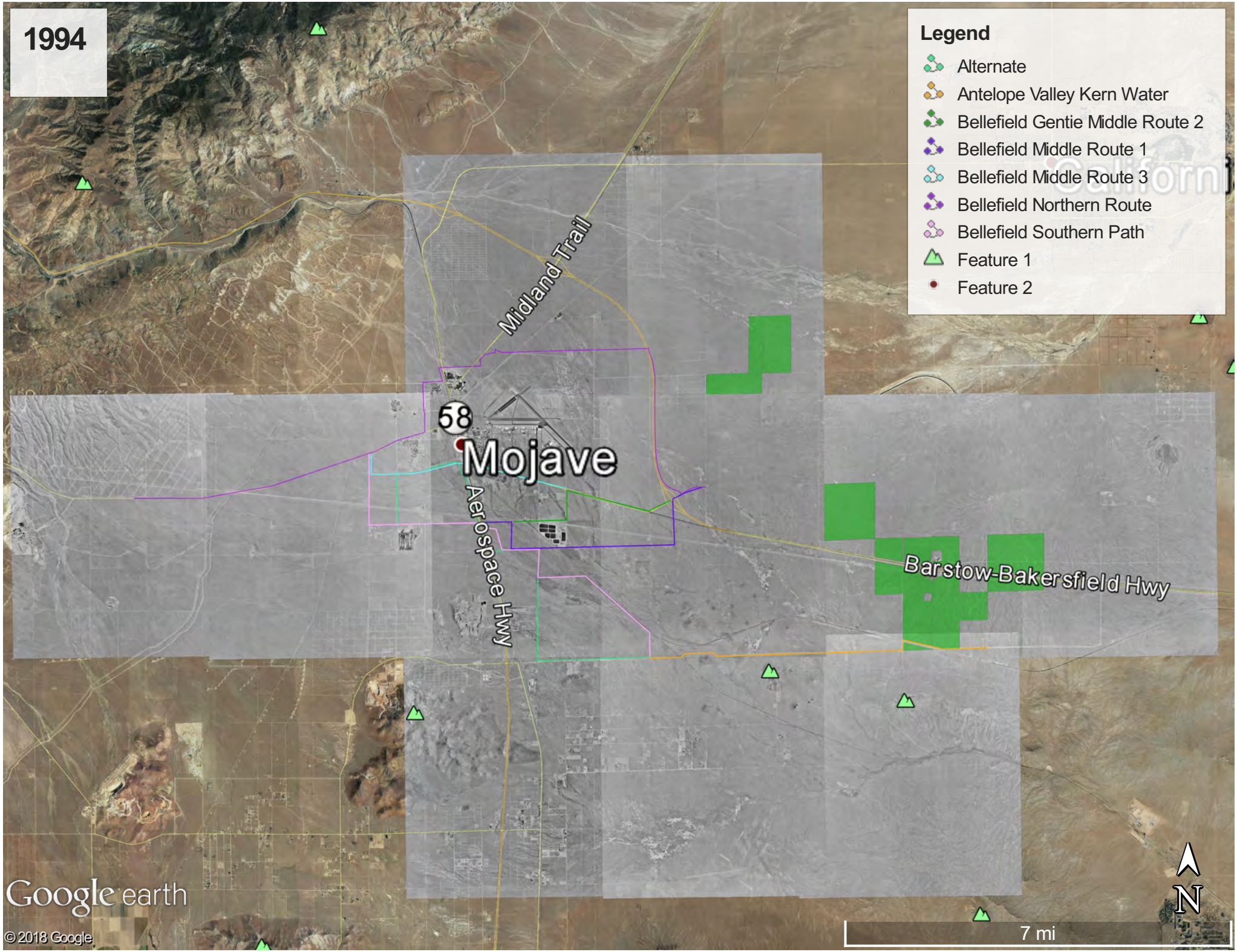

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Legend
Alternate
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Feature 2
Warren
Cameron
Midland Trail
Mojave
Sierra Hwy
Barstow-Bakersfield Hwy
Reefer City
14
Fleta
Sanborn
Bissell
Actis
Google earth
© 2018 Google
N
7 mi

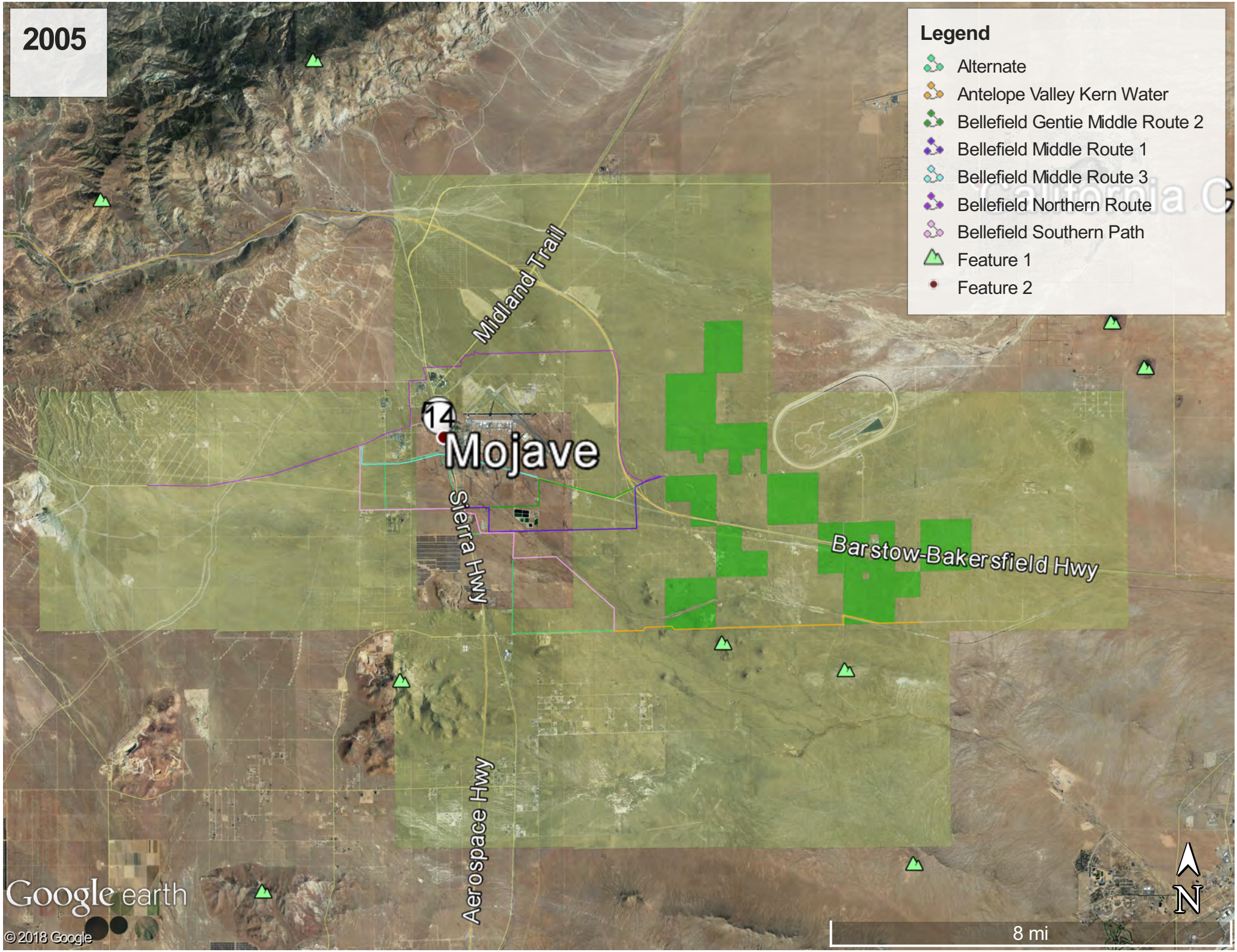

6-4-77
1-49
GS-VEL

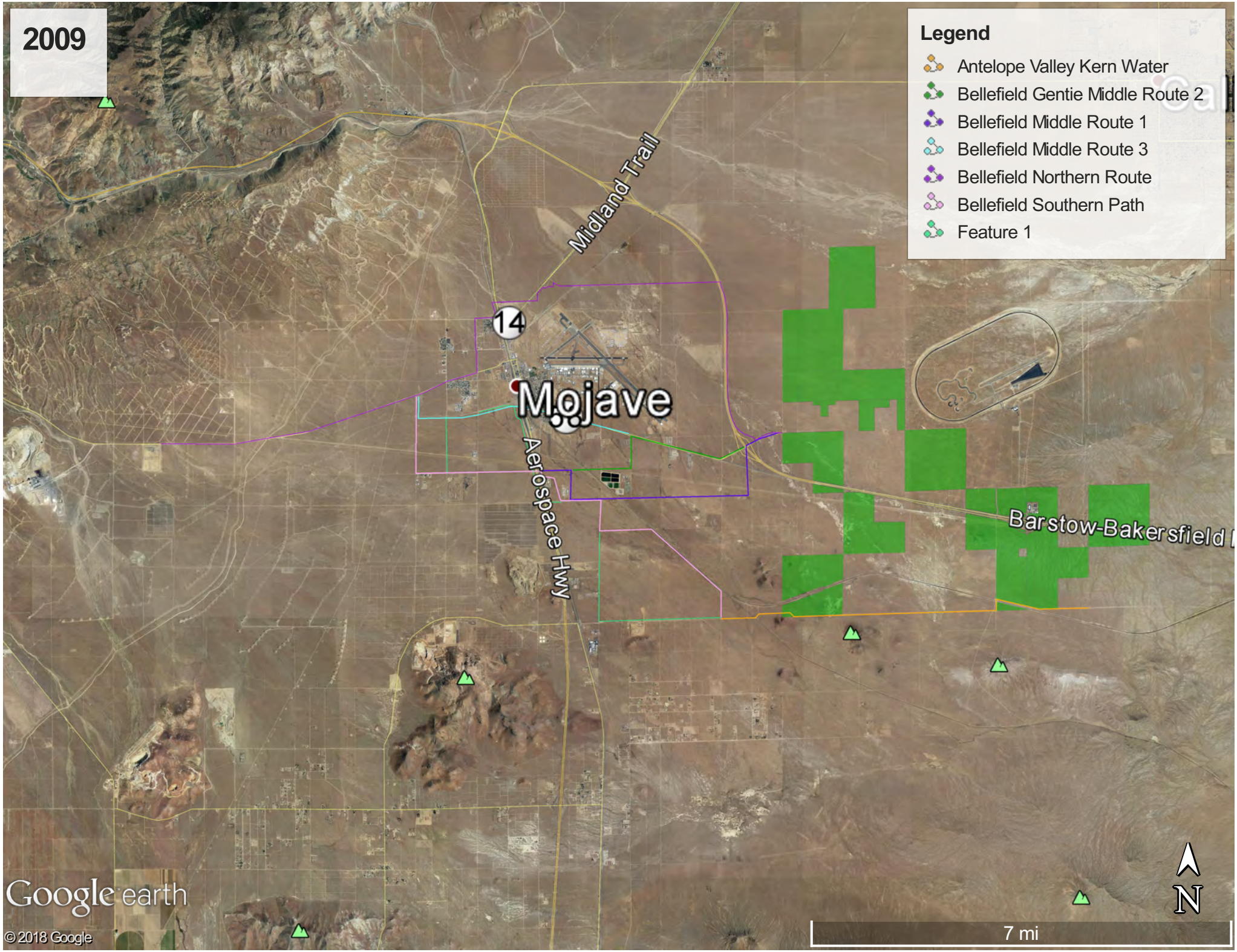

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GS-VEL

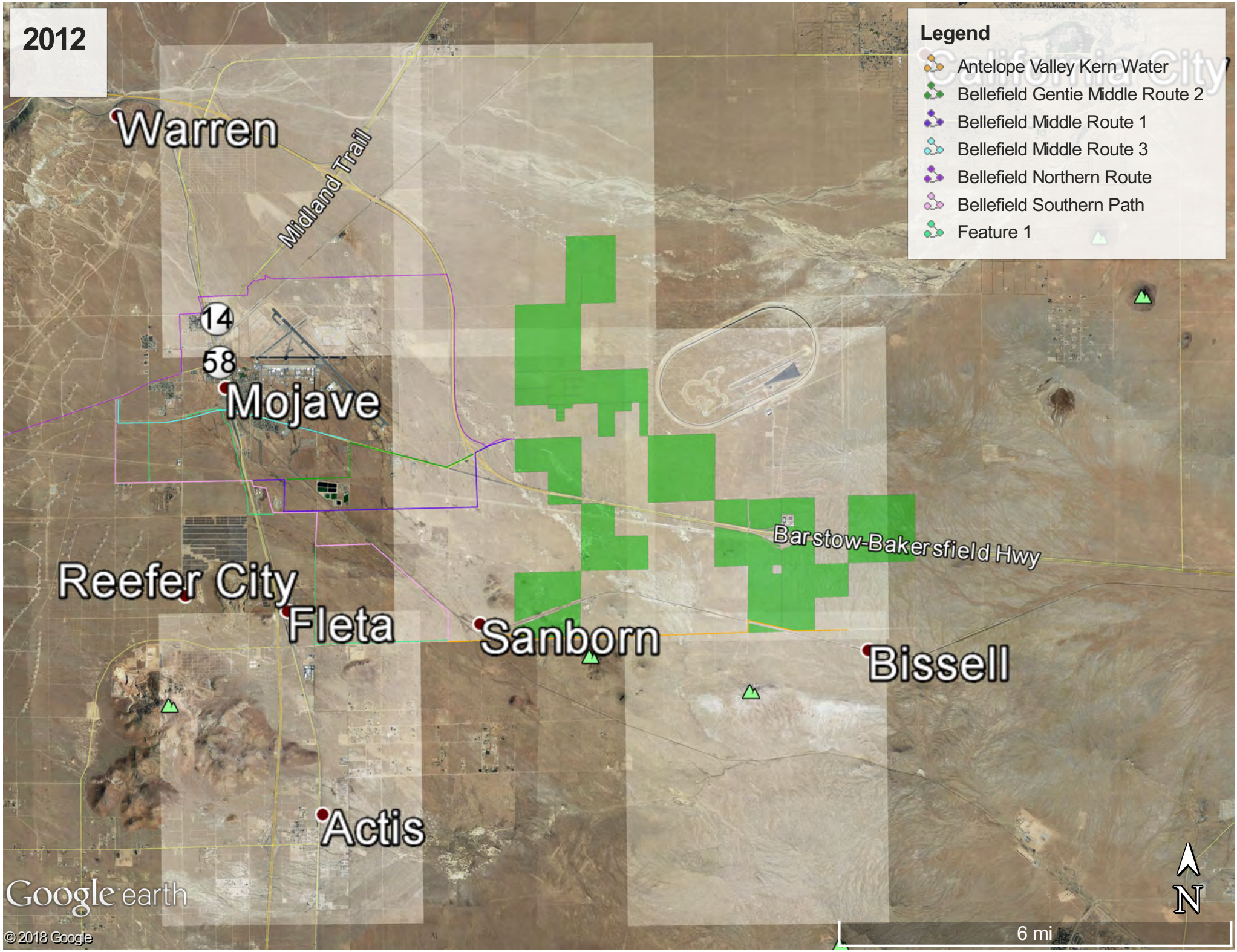


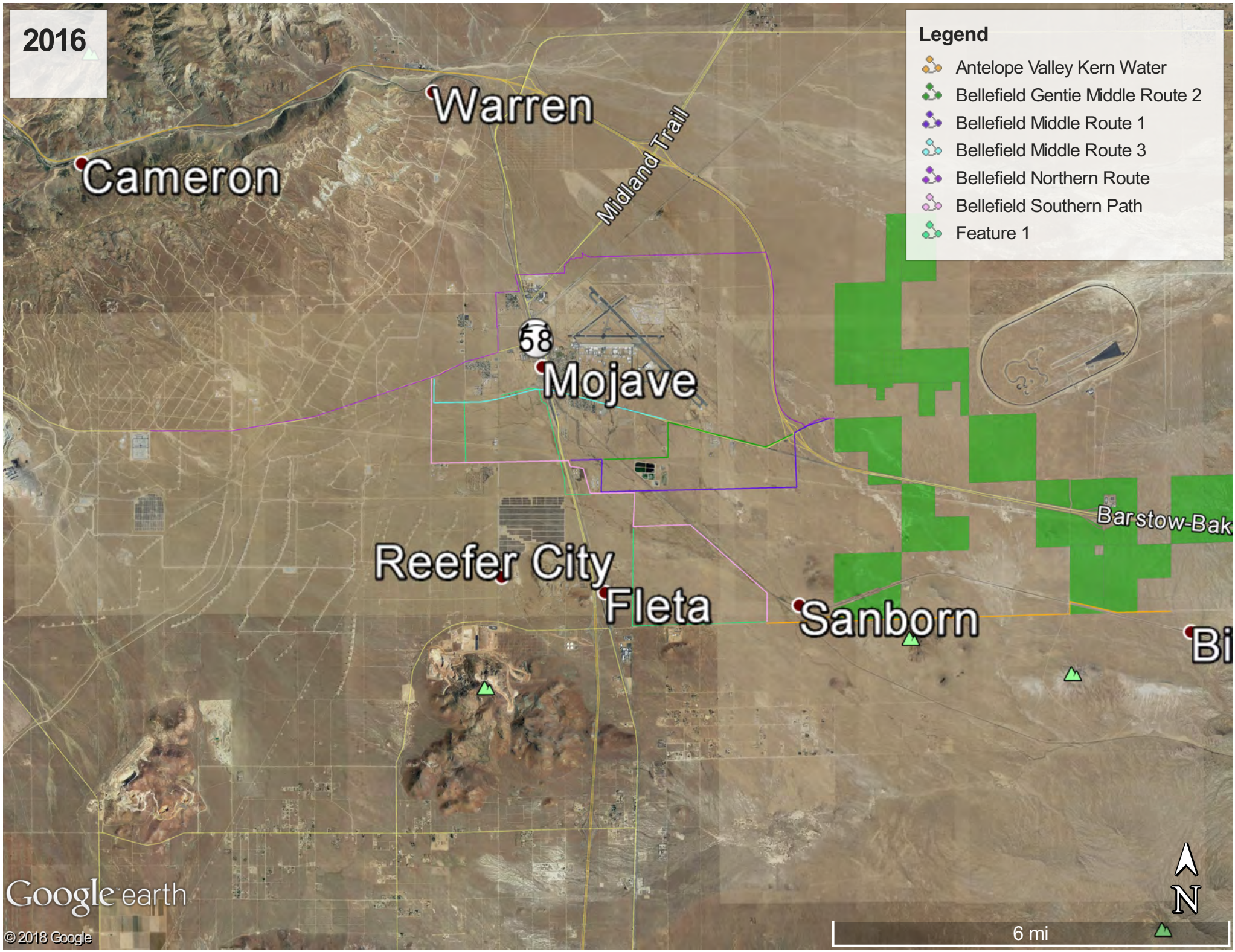
INQUIRY #: 5759391.8
YEAR: INDEX

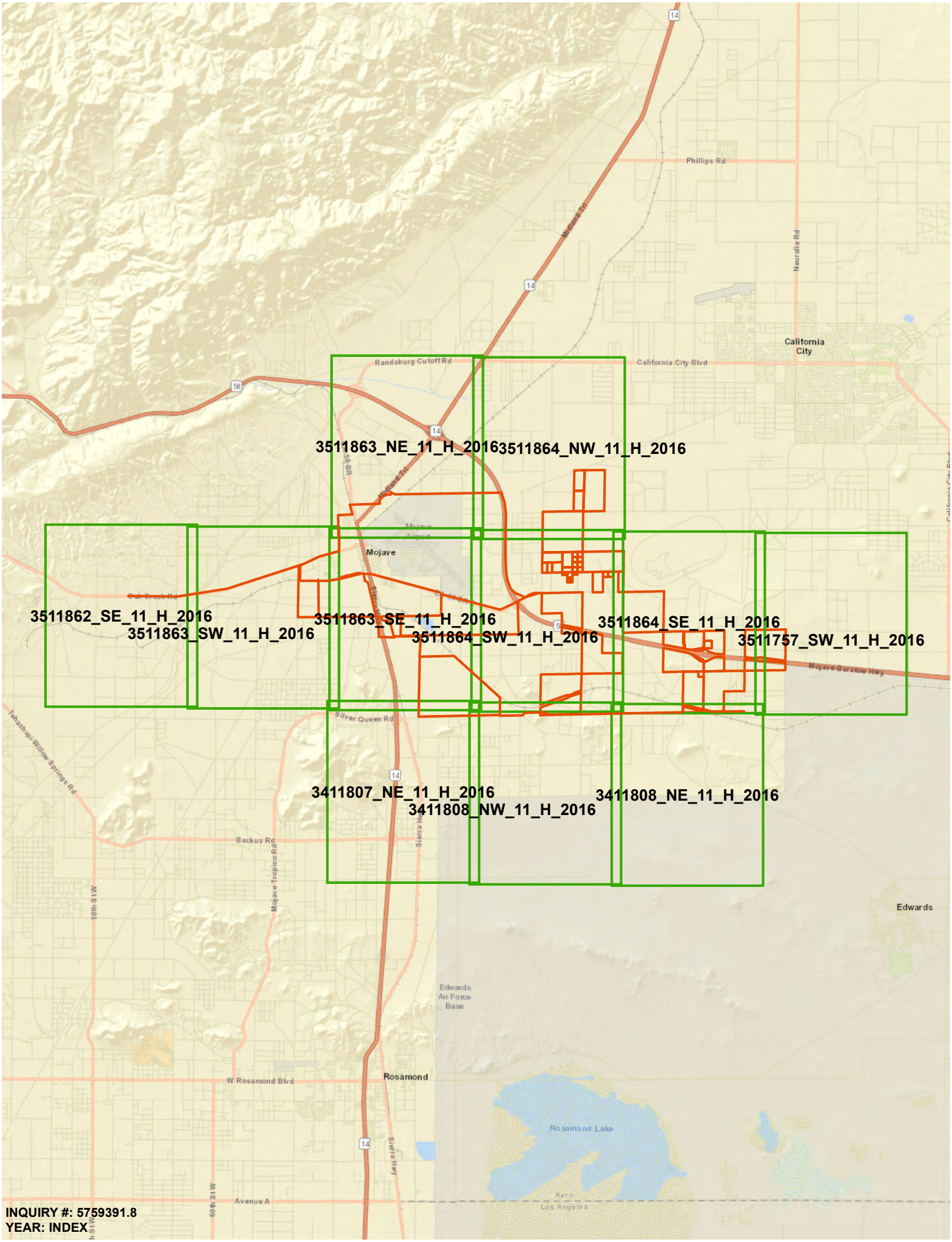

1994
Legend
Alternate
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Feature 2
Midland Trail
58
Mojave
Aerospace Hwy
Barstow-Bakersfield Hwy
Google earth
© 2018 Google
N
7 mi


2005
Legend
Alternate
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Feature 2
Midland Trail
14
Mojave
Sierra Hwy
Barstow-Bakersfield Hwy
Aerospace Hwy
Google earth
© 2018 Google
N
8 mi


2009
Legend
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Midland Trail
14
Mojave
Aerospace Hwy
Barstow-Bakersfield
Google earth
© 2018 Google
N
7 mi


2012
Legend
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Warren
Midland Trail
14
58
Mojave
Barstow-Bakersfield Hwy
Reefer City
Fleta
Sanborn
Bissell
Actis
Google earth
© 2018 Google
N
6 mi


2016
Legend
Antelope Valley Kern Water
Bellefield Gentie Middle Route 2
Bellefield Middle Route 1
Bellefield Middle Route 3
Bellefield Northern Route
Bellefield Southern Path
Feature 1
Warren
Cameron
Midland Trail
58
Mojave
Barstow-Bak
Reefer City
Fleta
Sanborn
Bi
Google earth
© 2018 Google
N
6 mi



INQUIRY #: 5759391.8
YEAR: INDEX

Bellefield

Bellefield

Mojave, CA 93501

Inquiry Number: 5759391.5

August 23, 2019

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

08/23/19

Site Name:	Client Name:
Bellefield	Stantec
Bellefield	735 E. Carnegie Drive, Suite 280
Mojave, CA 93501	SAN BERNARDINO, CA 92408
EDR Inquiry # 5759391.5	Contact: Alicia Jansen

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec 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. EDRs 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:

P.O.# NA

Project: NA

Coordinates:

Latitude:	35.037378 35° 2' 15" North
Longitude:	-118.0947 -118° 5' 41" West
UTM Zone:	Zone 11 North
UTM X Meters:	400150.17
UTM Y Meters:	3877735.82
Elevation:	2603.00' above sea level

Maps Provided:

2012	1956
1995	1947
1994	1943
1994, 1995	1915
1983	
1980	
1973	
1966	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Monolith
2012
7.5-minute, 24000



Mojave
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

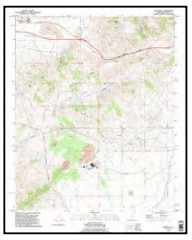


California City South
2012
7.5-minute, 24000

1995 Source Sheets



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992



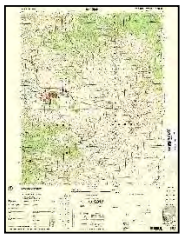
Monolith
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1983 Source Sheets

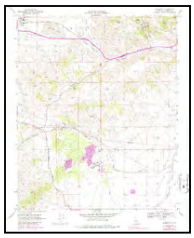


TEHACHAPI
1983
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets

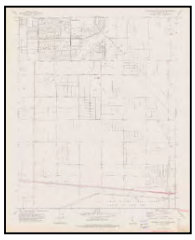


Monolith
1980
7.5-minute, 24000
Aerial Photo Revised 1973



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

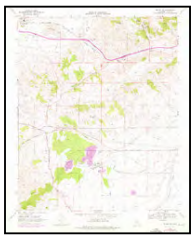
1973 Source Sheets



California City South
1973
7.5-minute, 24000
Aerial Photo Revised 1972

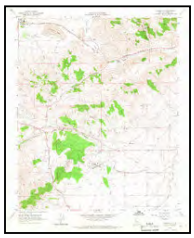


Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972



Monolith
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1966 Source Sheets



Monolith
1966
7.5-minute, 24000
Aerial Photo Revised 1963

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Castle Butte
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Desert Butte
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943



Tehachapi
1943
15-minute, 62500
Aerial Photo Revised 1943



Castle Butte
1943
15-minute, 62500
Aerial Photo Revised 1943

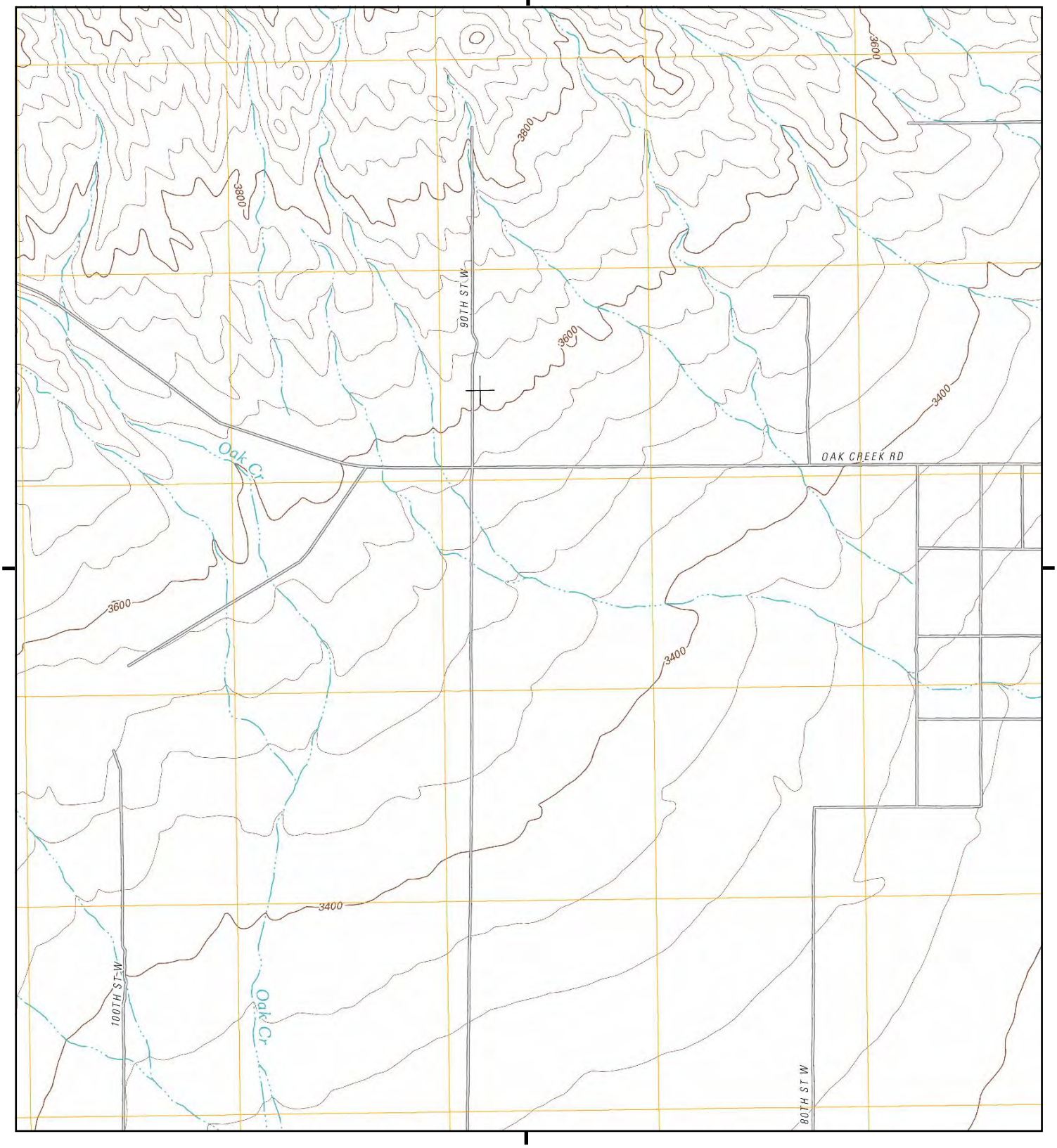
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

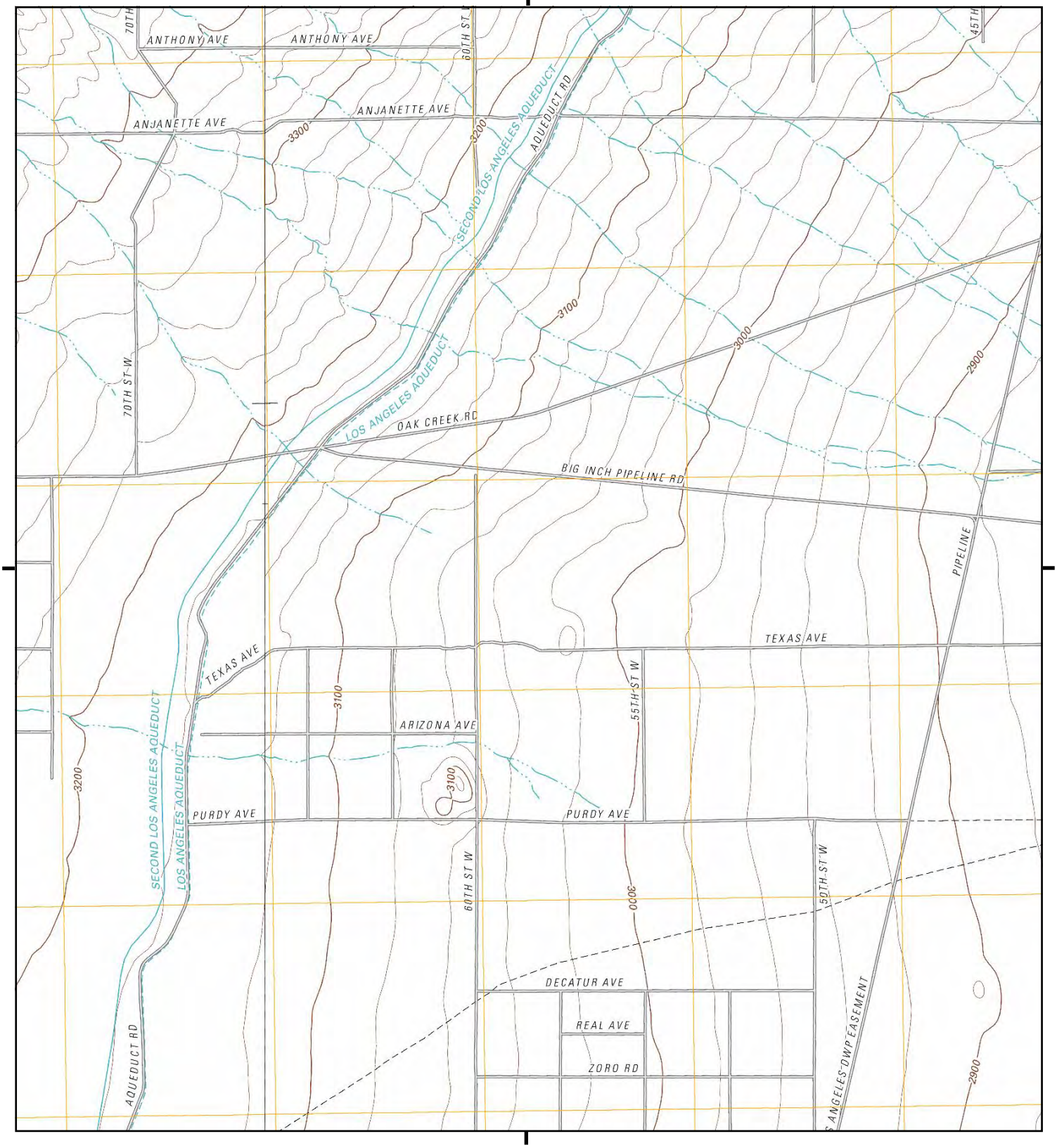
TP, Monolith, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

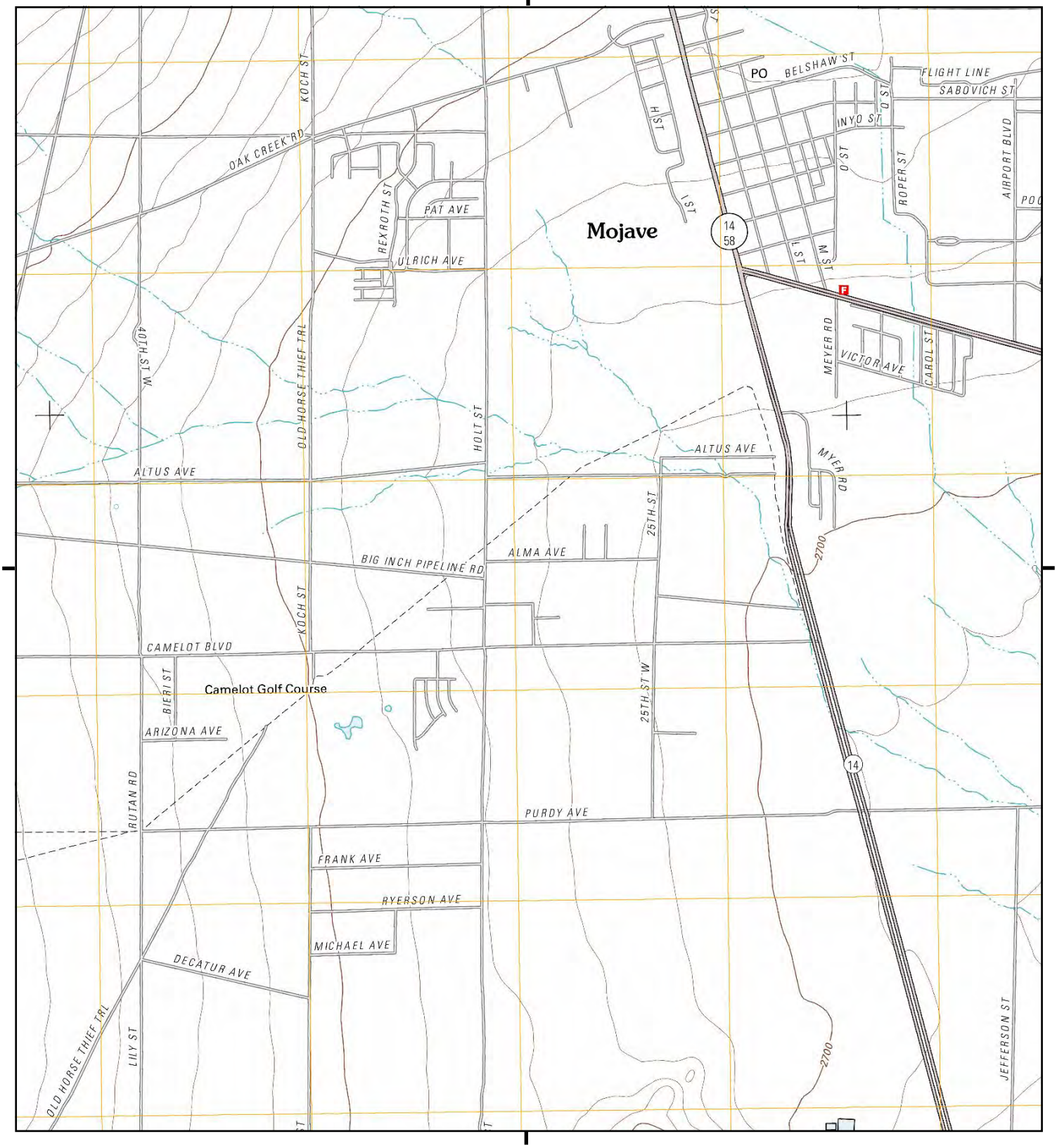
TP, Mojave, 2012, 7.5-minute
NW, Monolith, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

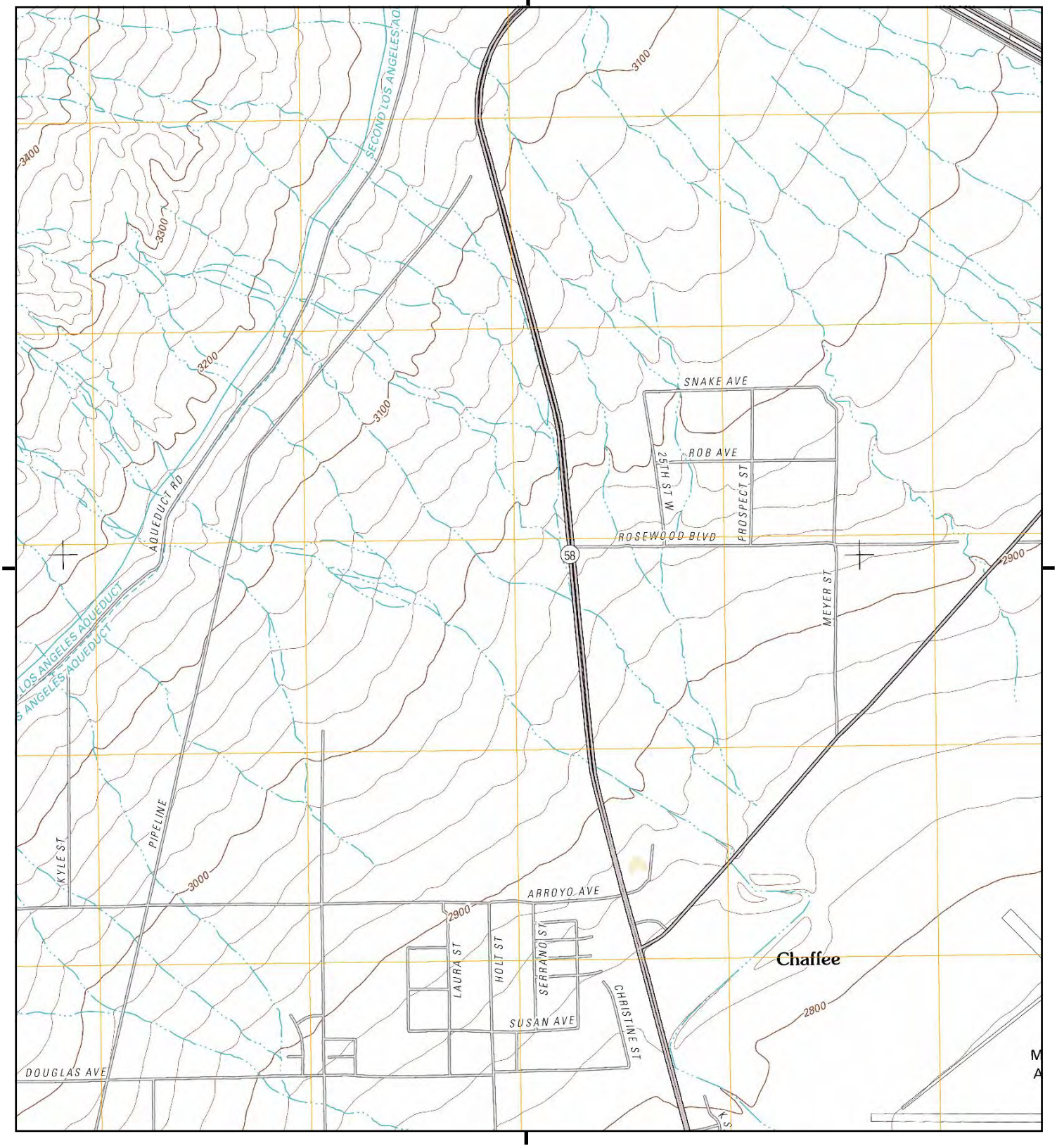
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

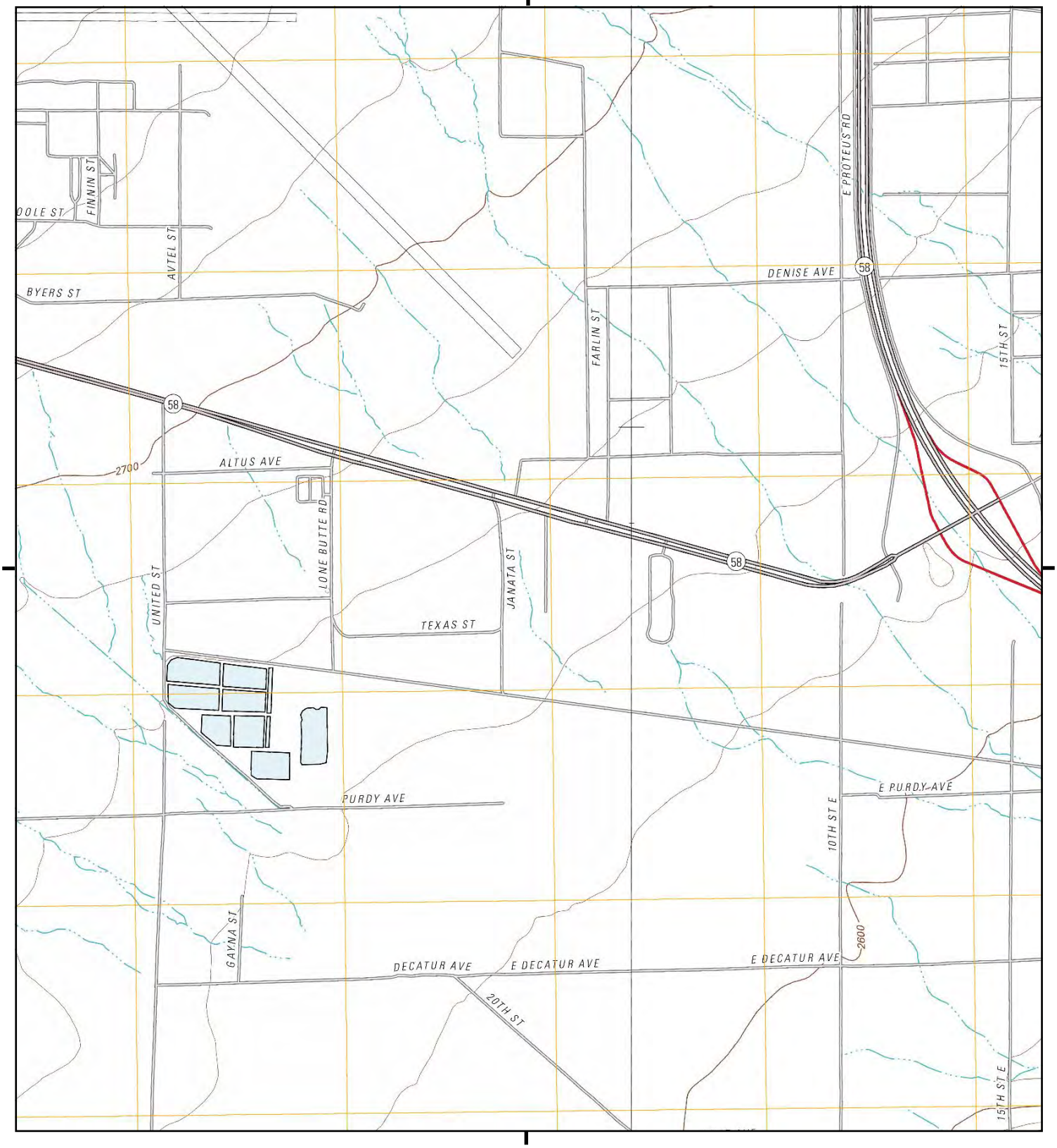
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

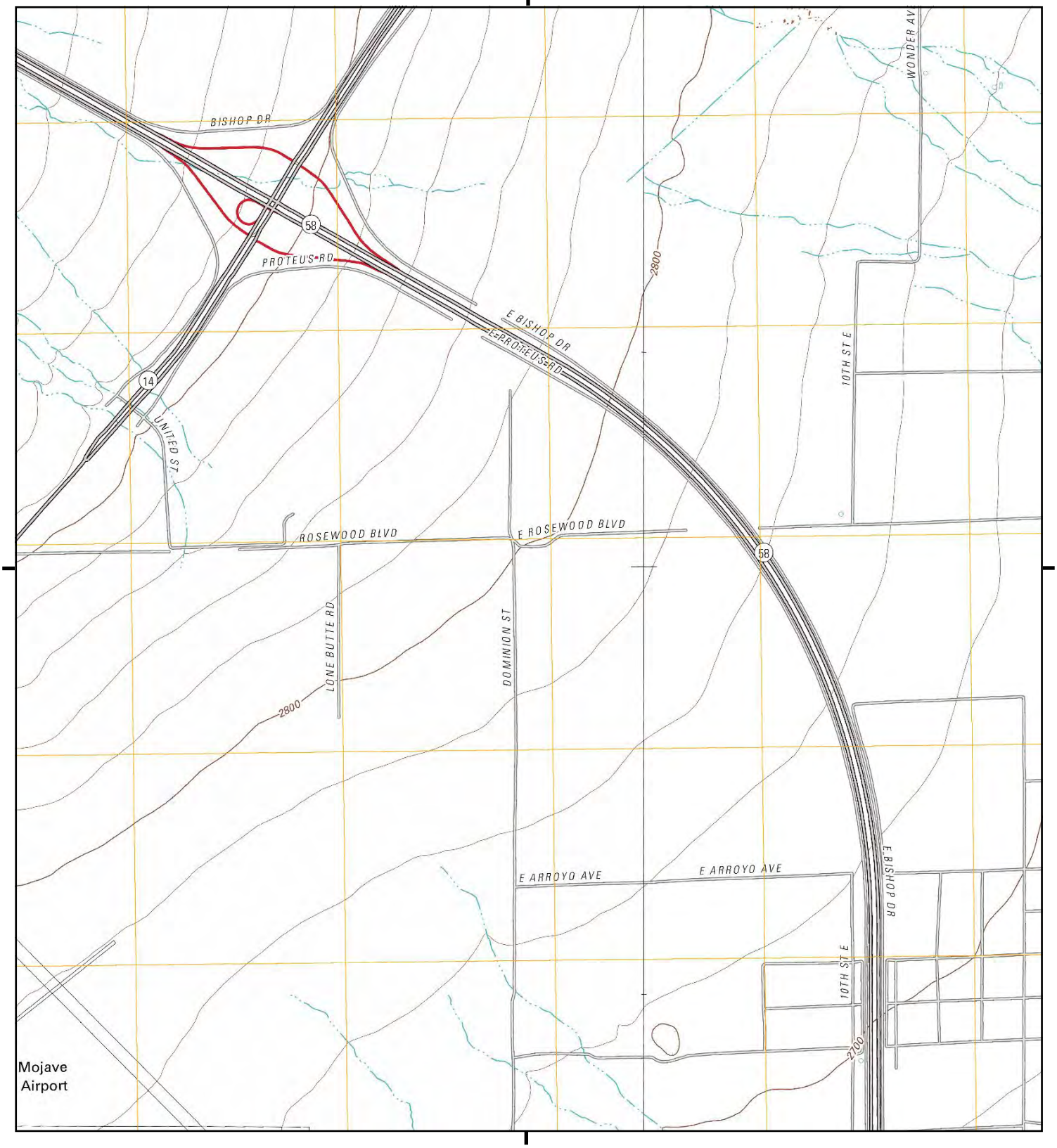
TP, Mojave, 2012, 7.5-minute
NE, Sanborn, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

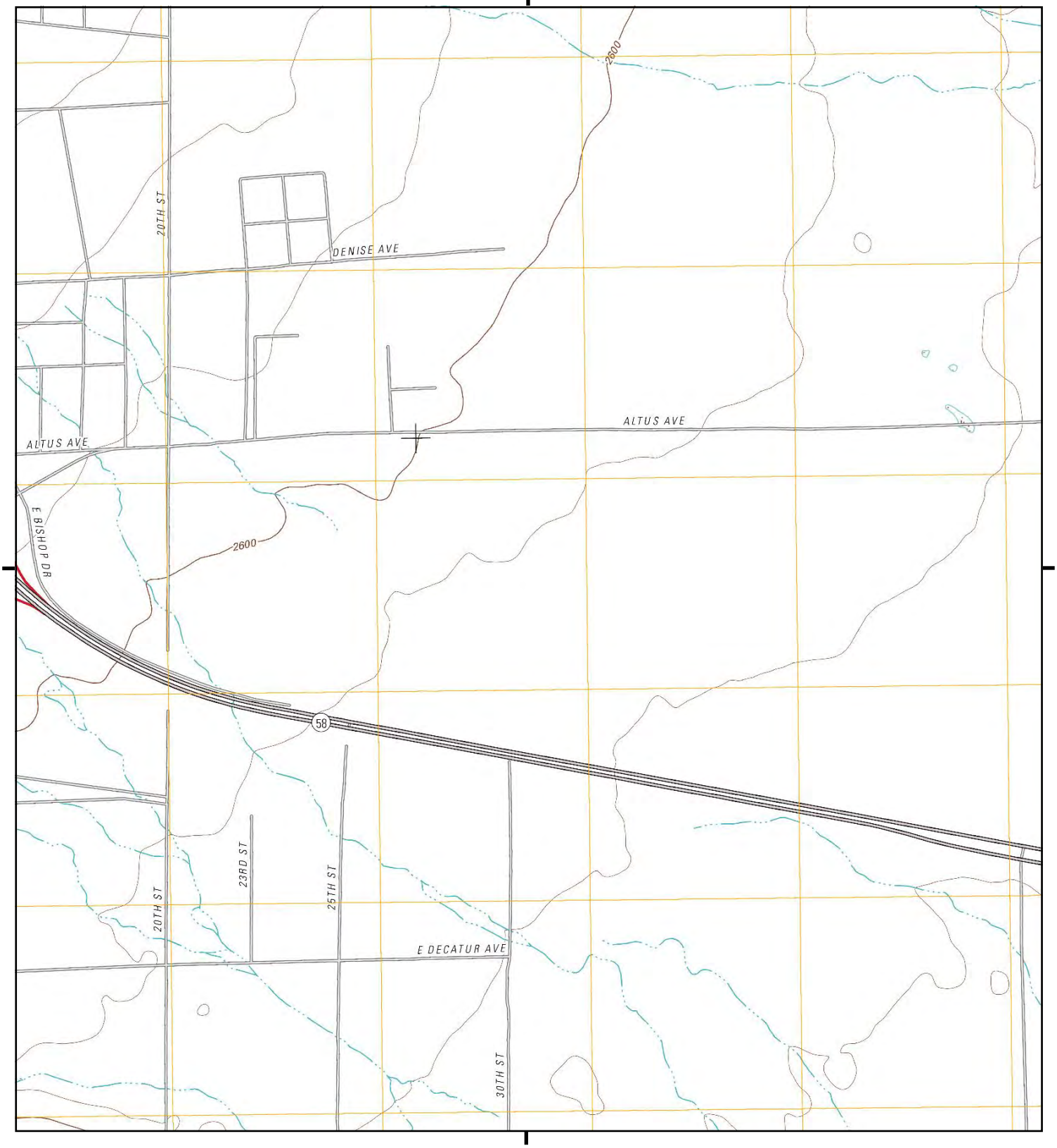
TP, Mojave, 2012, 7.5-minute
E, Sanborn, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

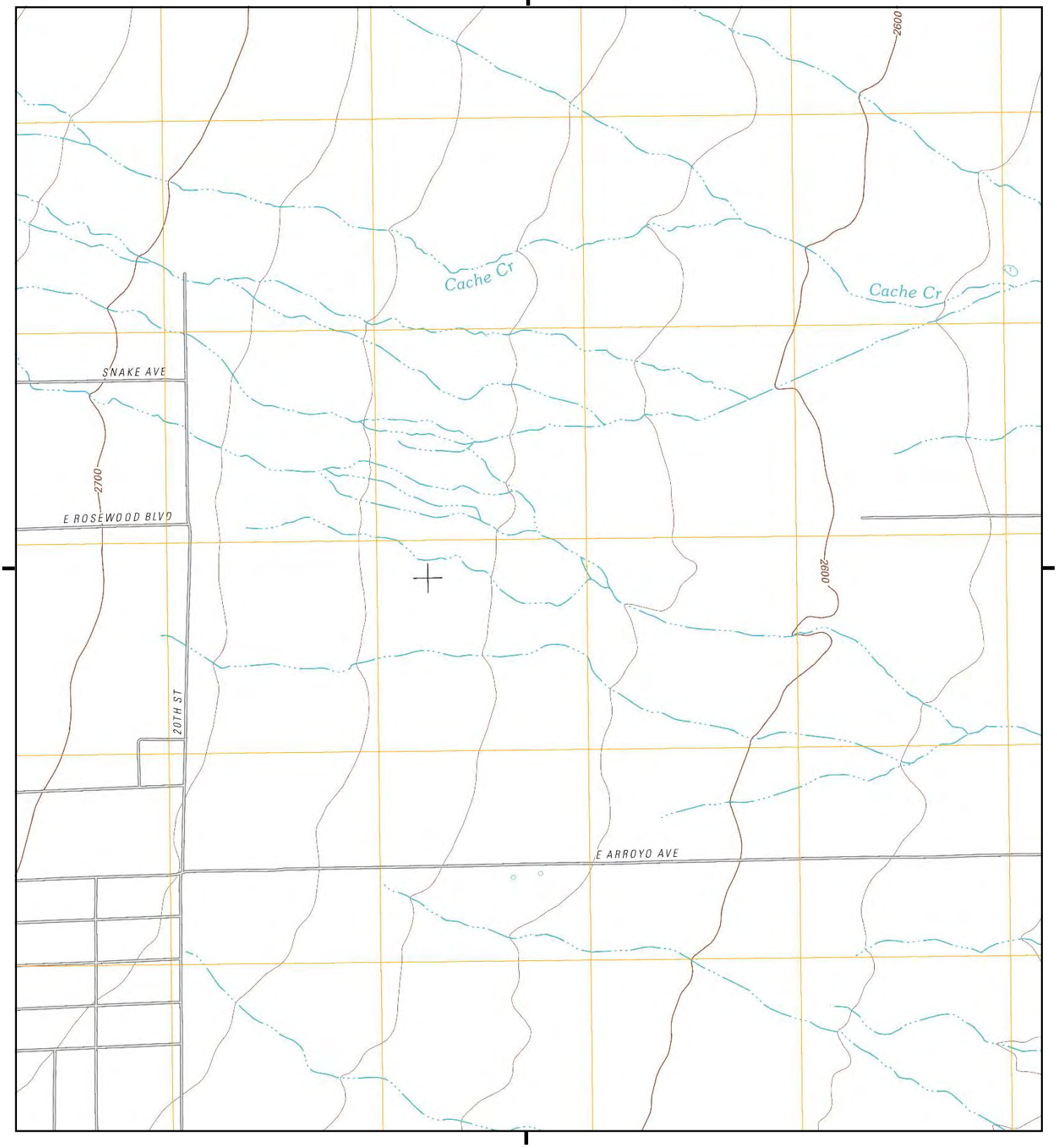
TP, Sanborn, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

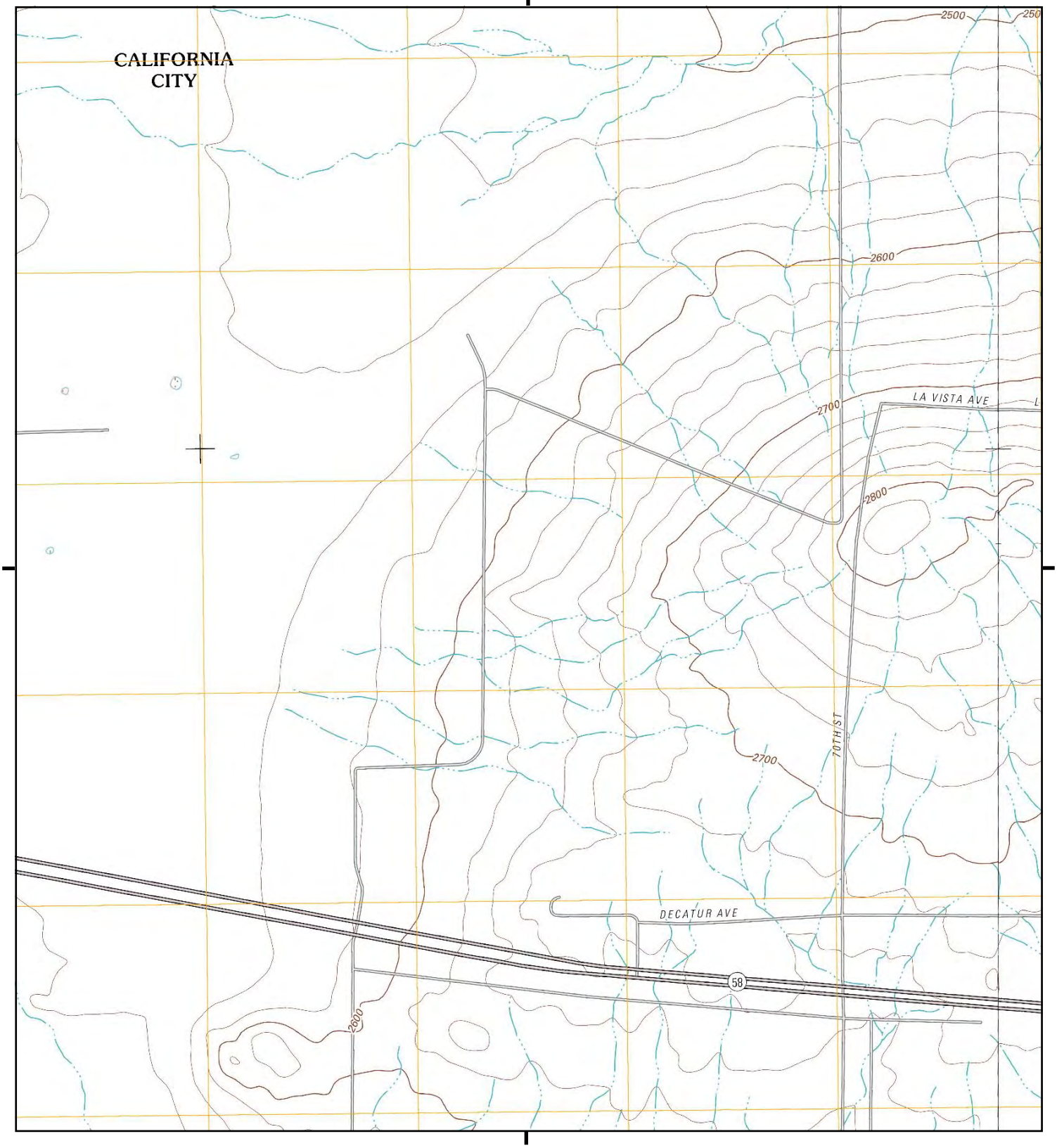
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SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

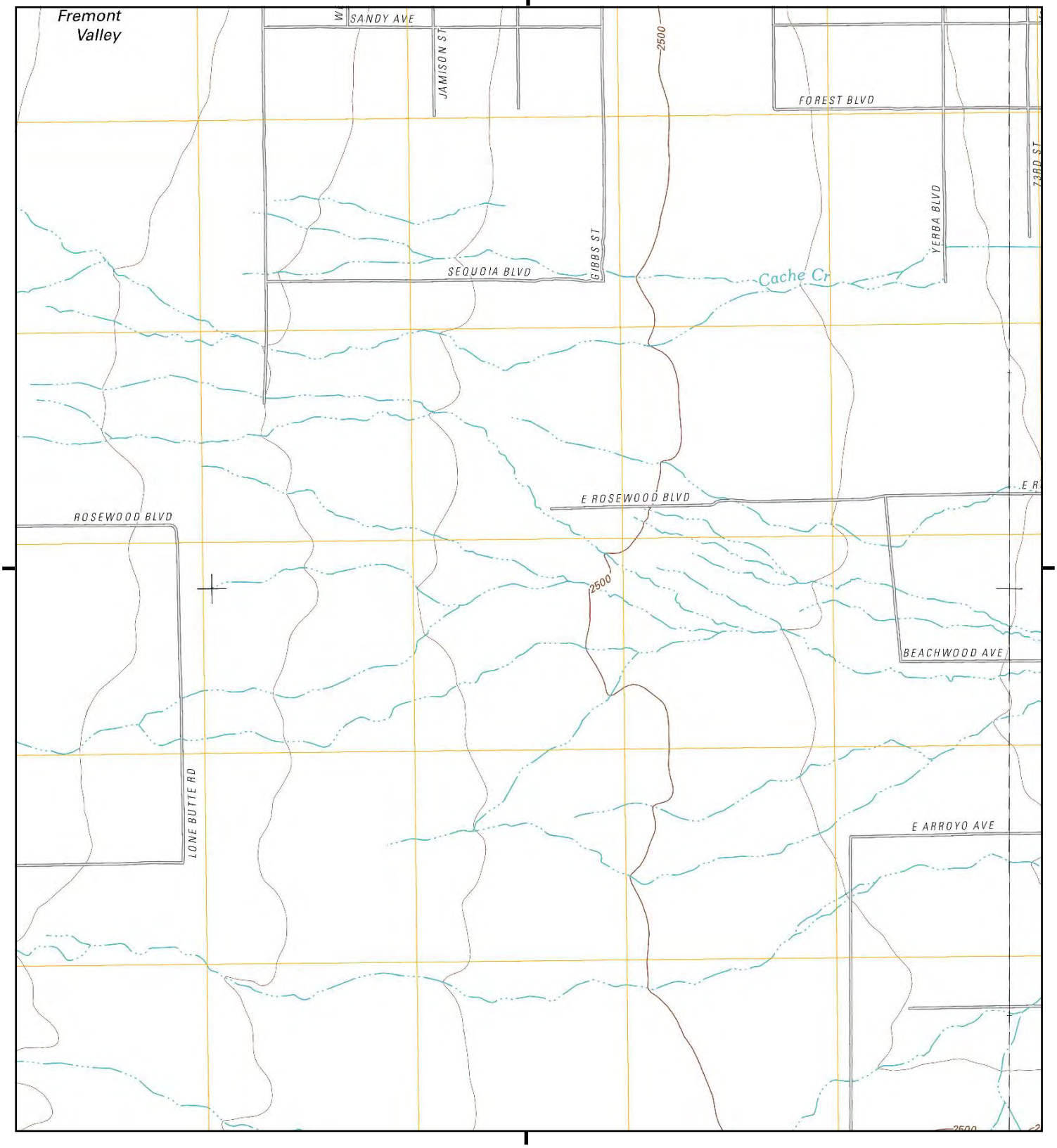
TP, Sanborn, 2012, 7.5-minute
E, California City South, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

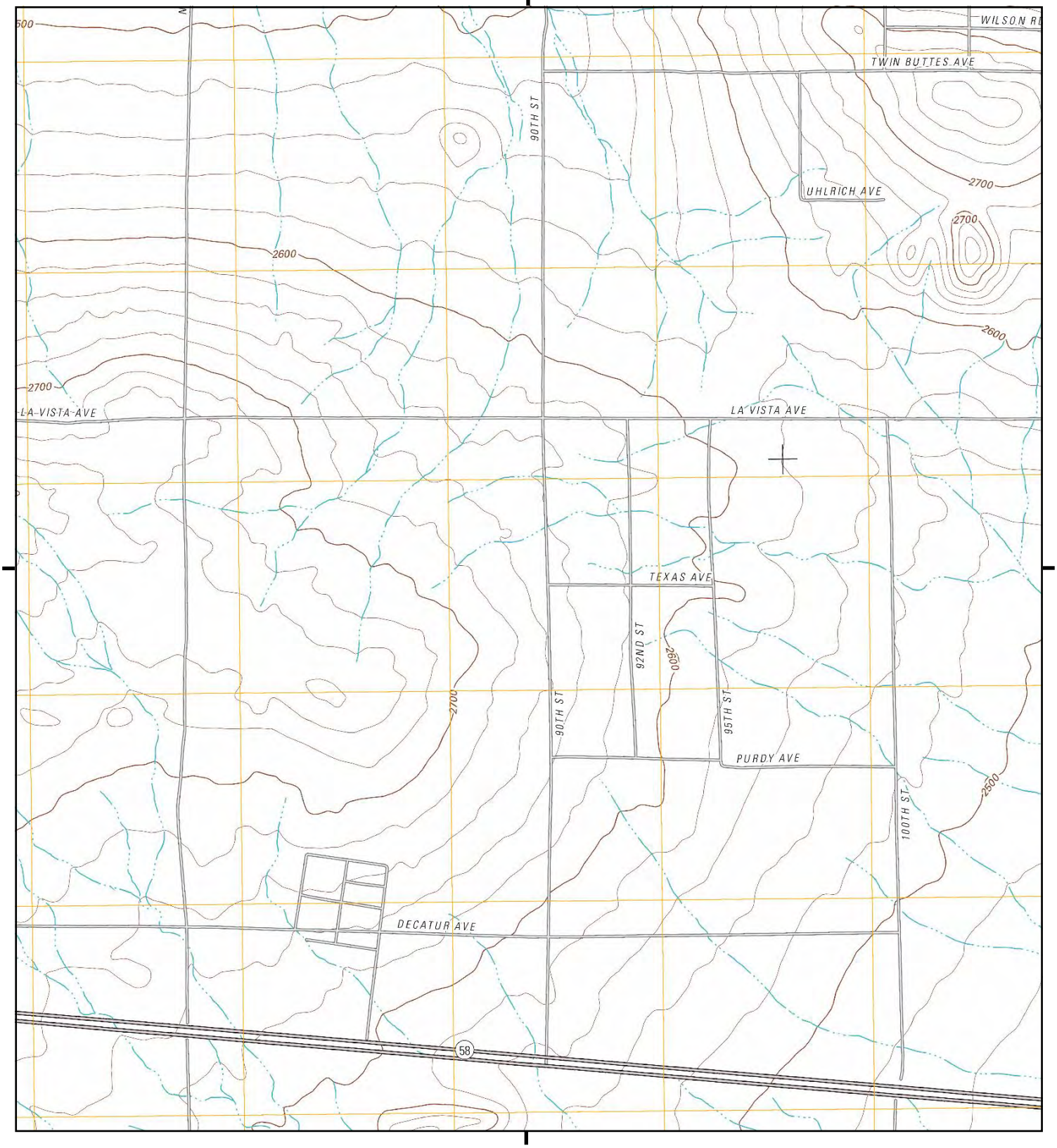
TP, Sanborn, 2012, 7.5-minute
E, California City South, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

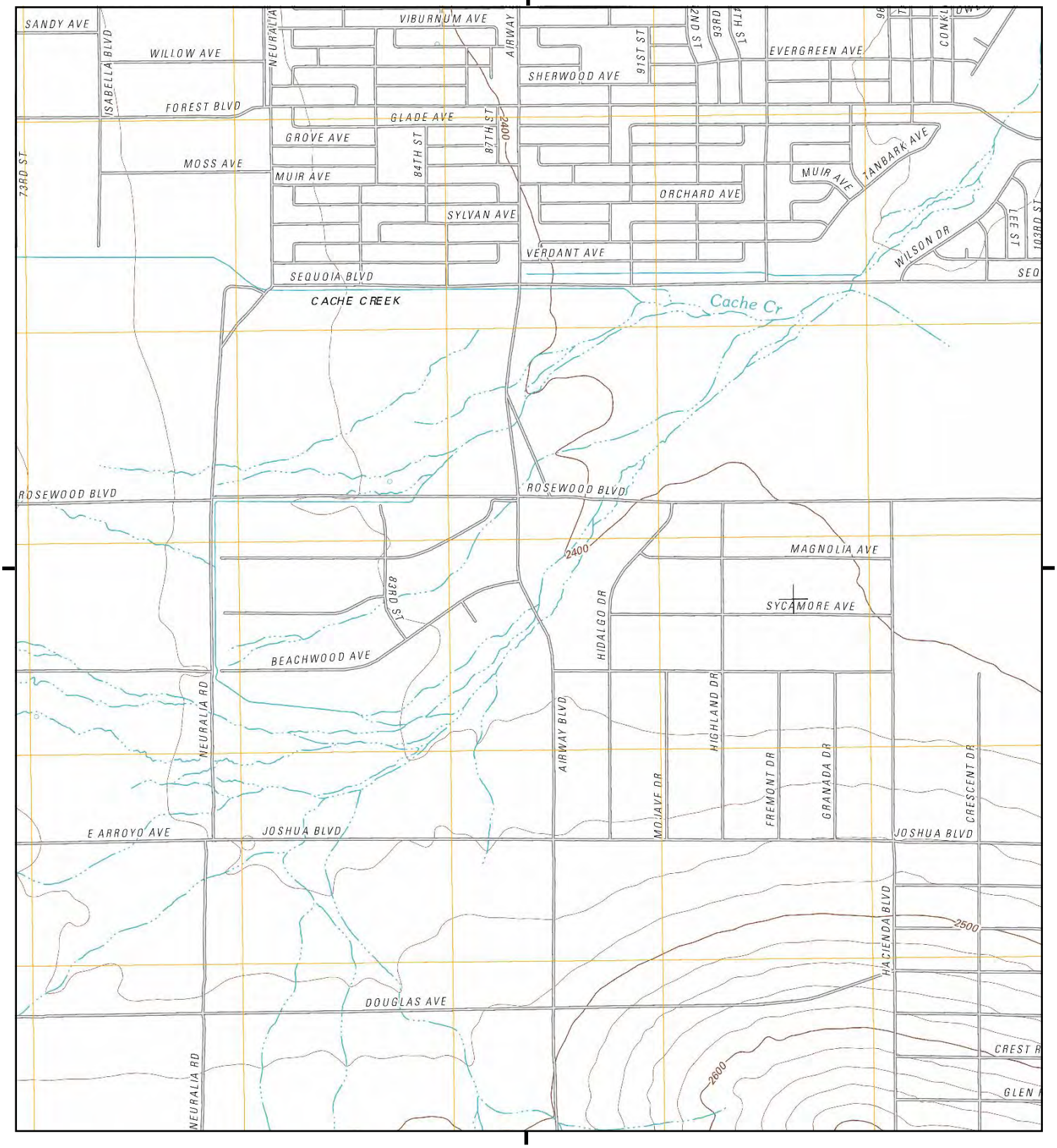
TP, California City South, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

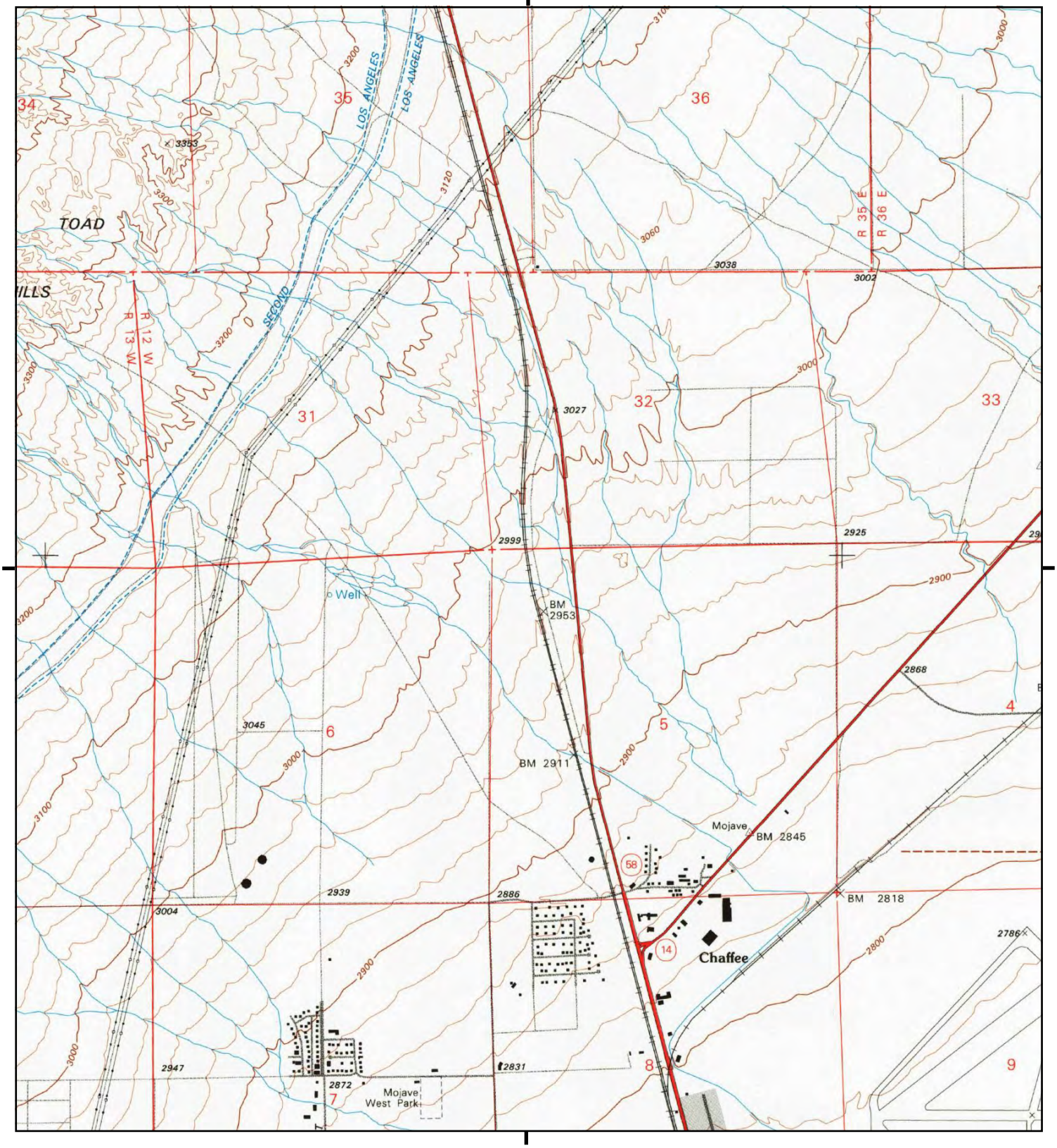
TP, California City South, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

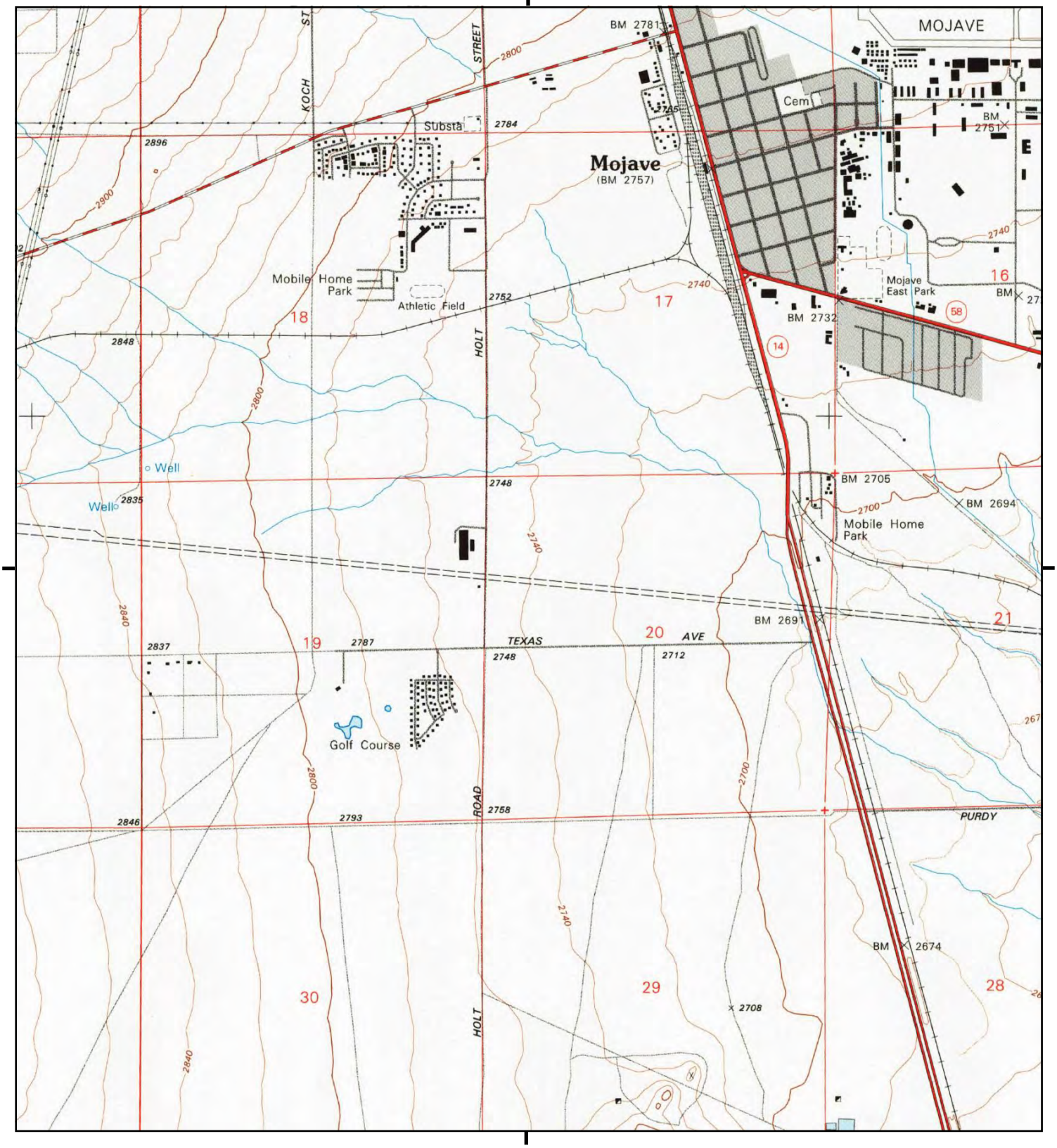
TP, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

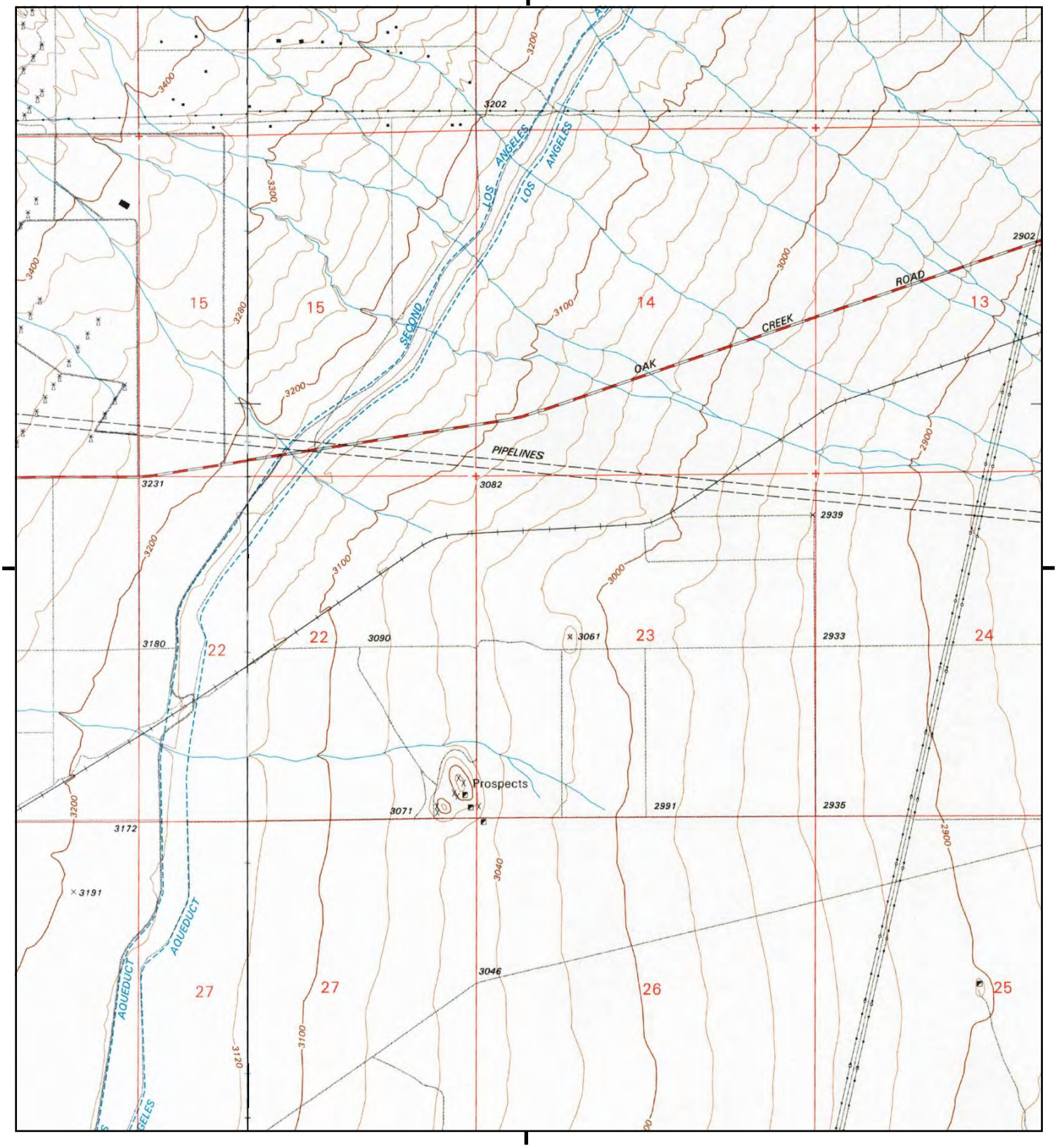
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

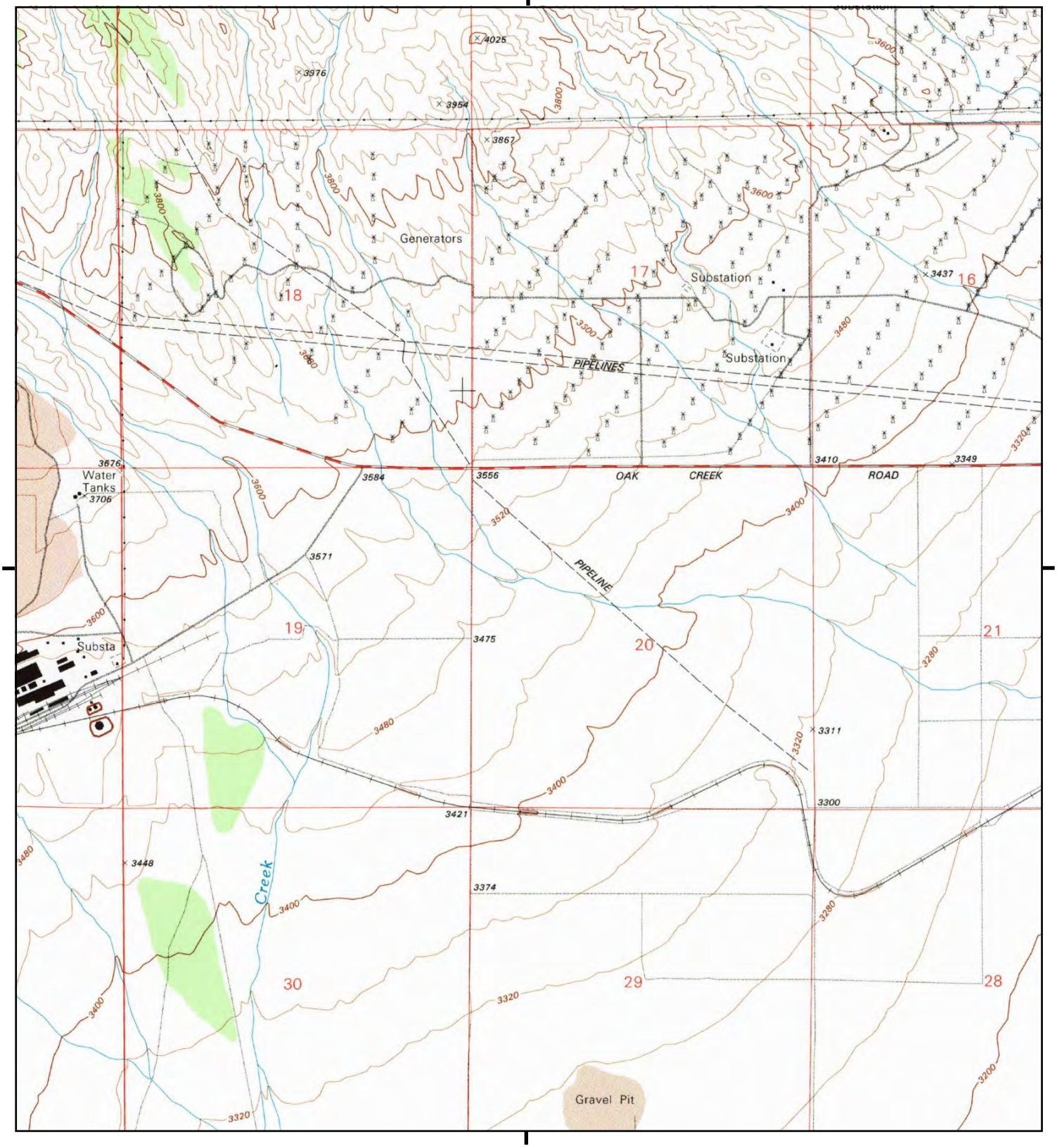
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NW, Monolith, 1995, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

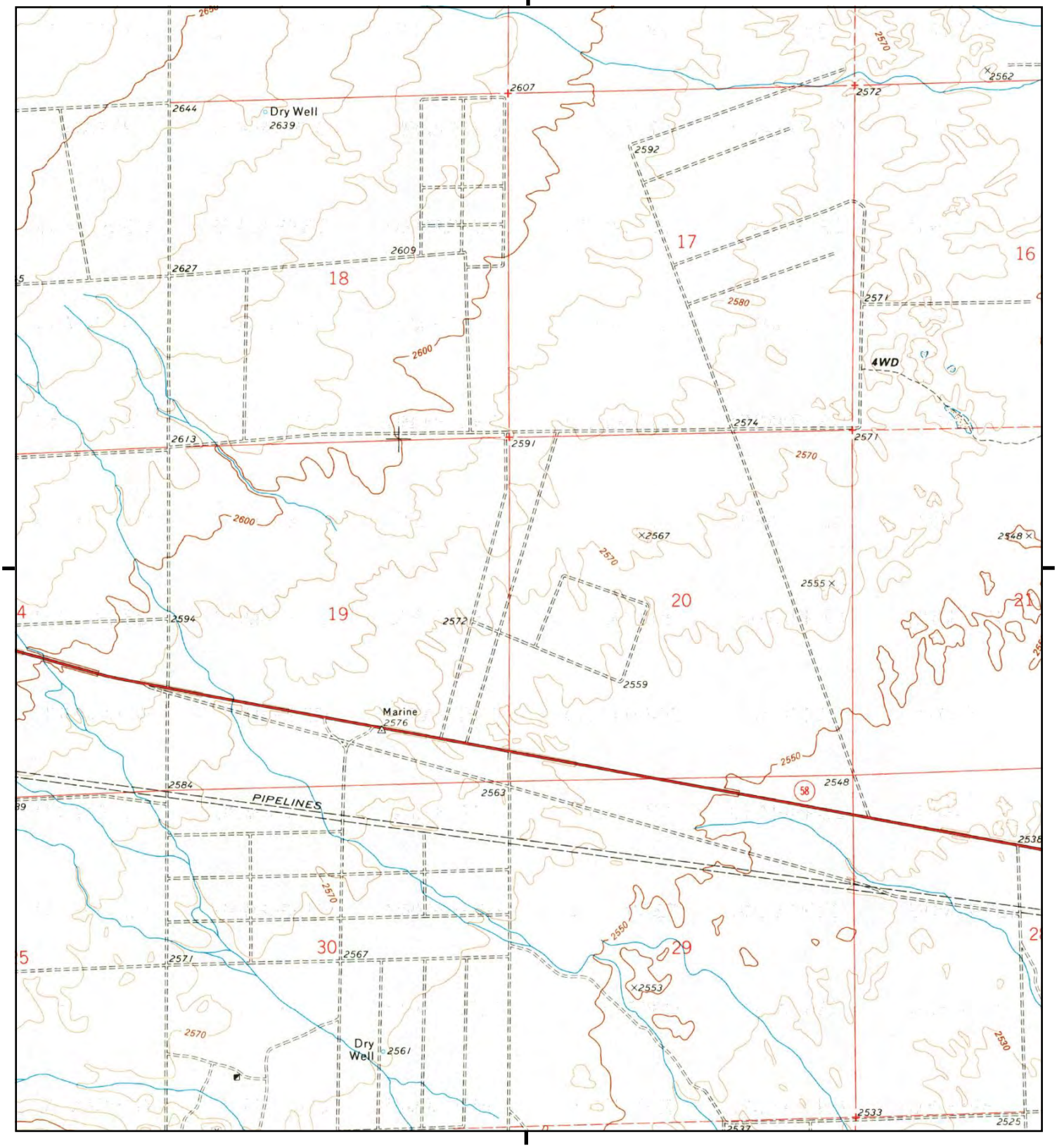
TP, Monolith, 1995, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

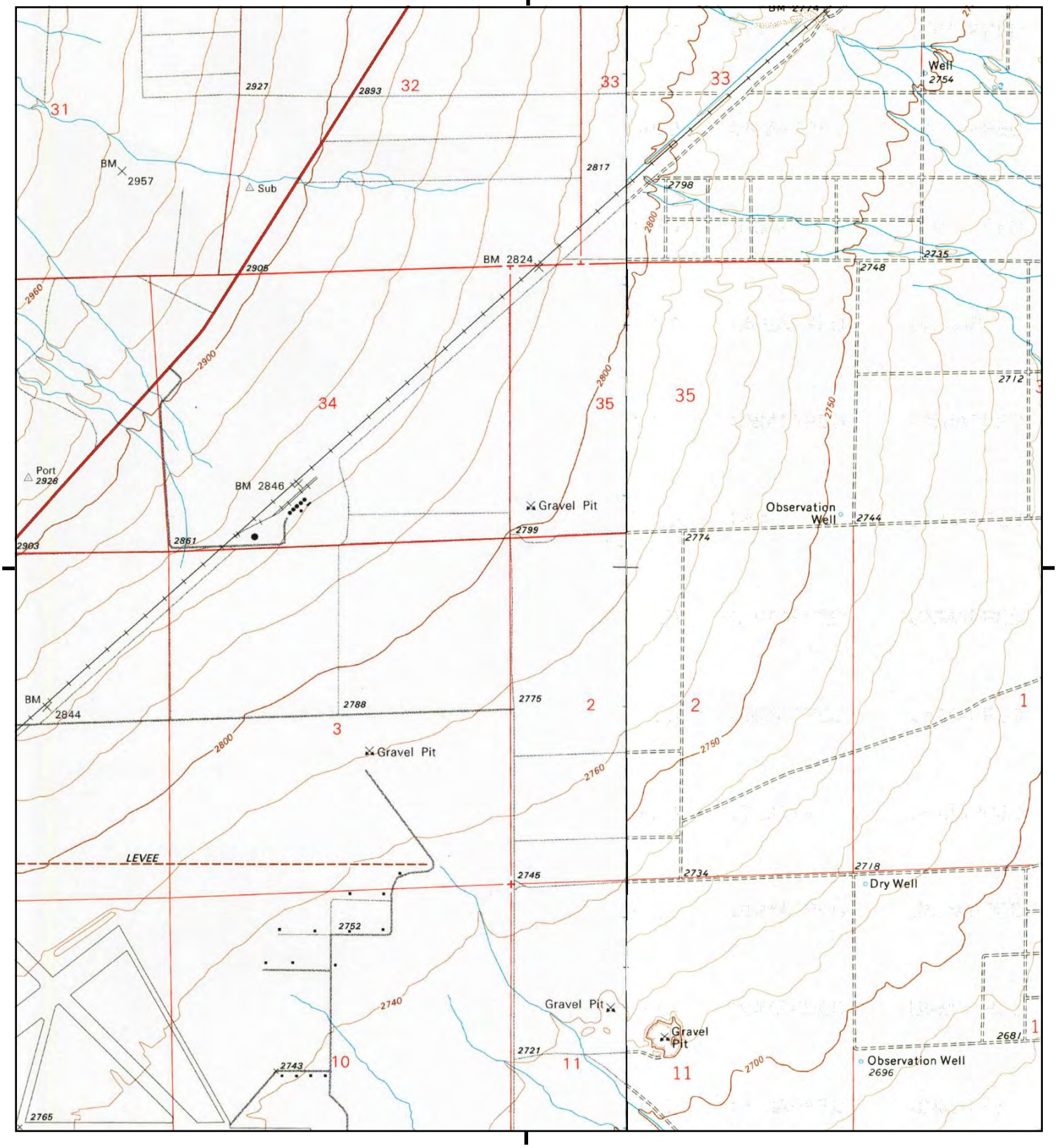
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

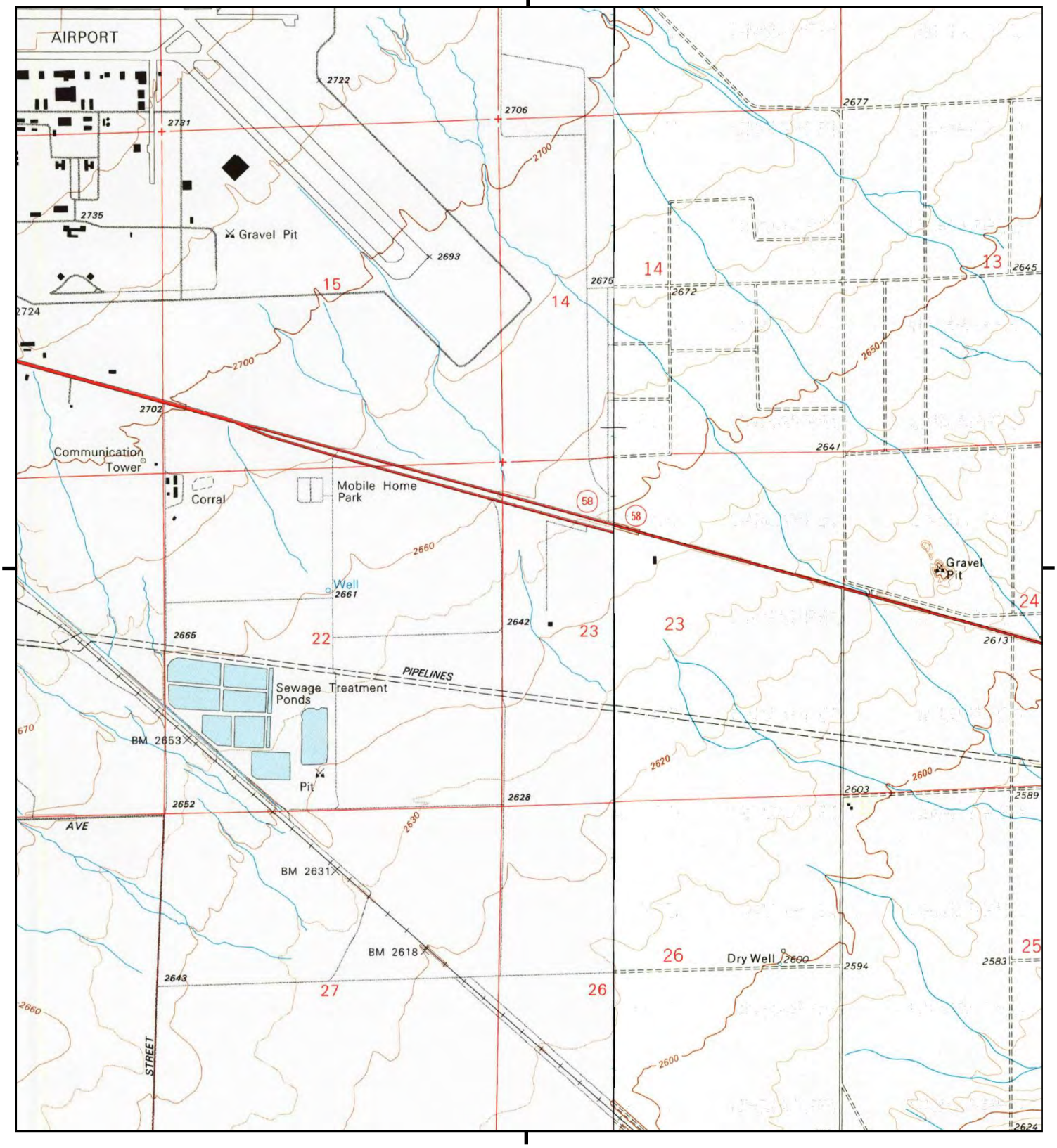
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute
E, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

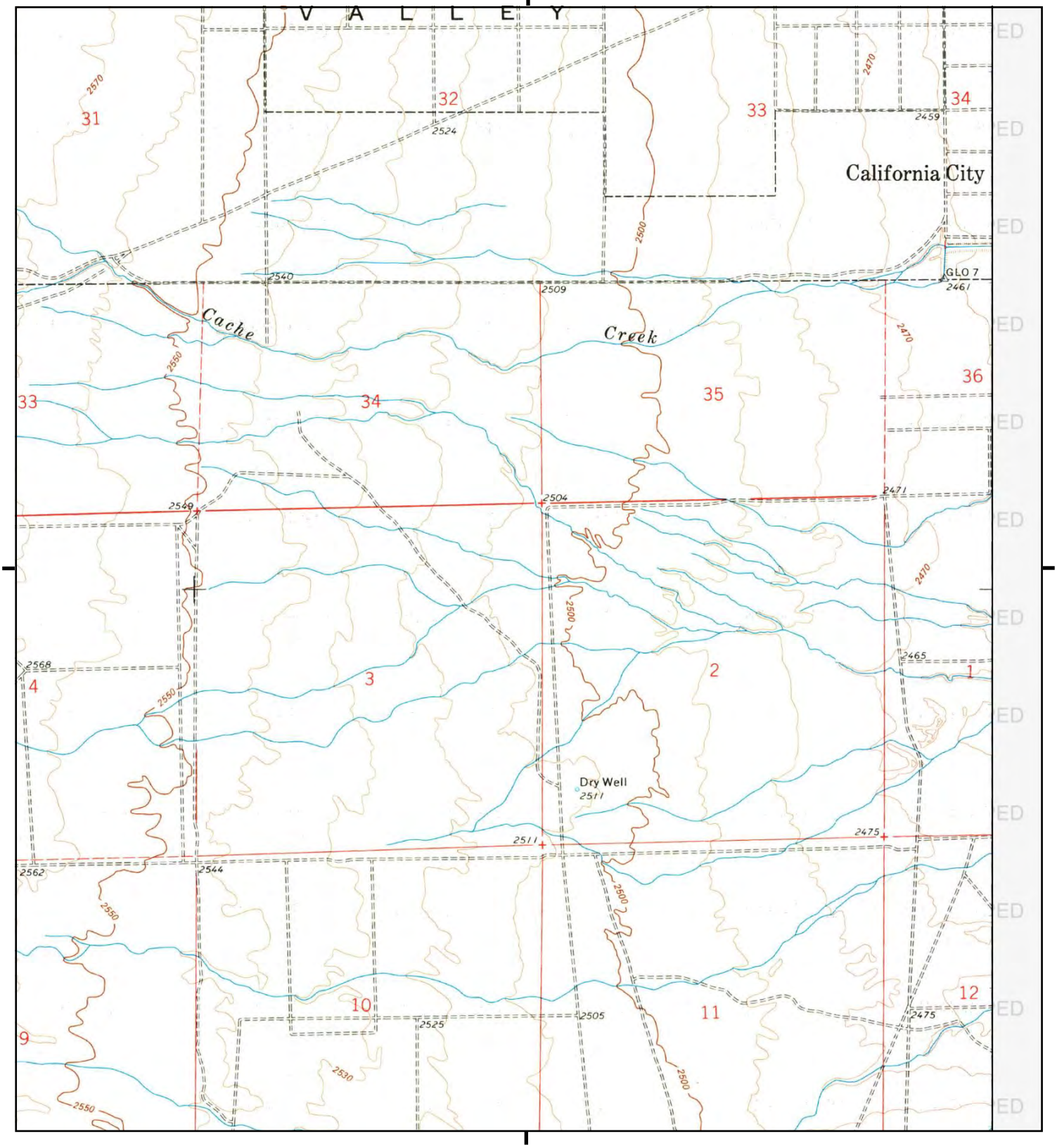
TP, Mojave, 1995, 7.5-minute
NE, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

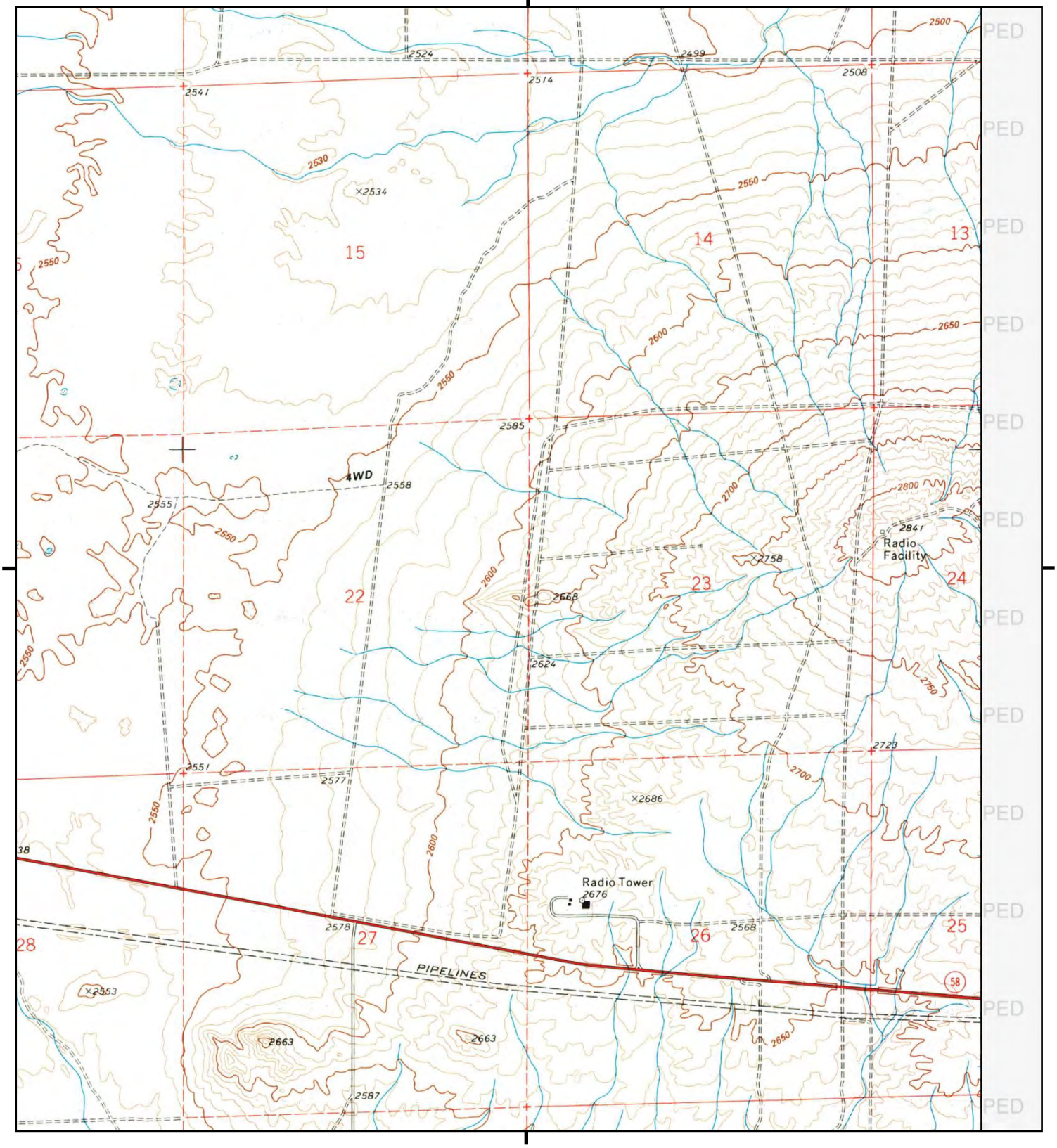
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

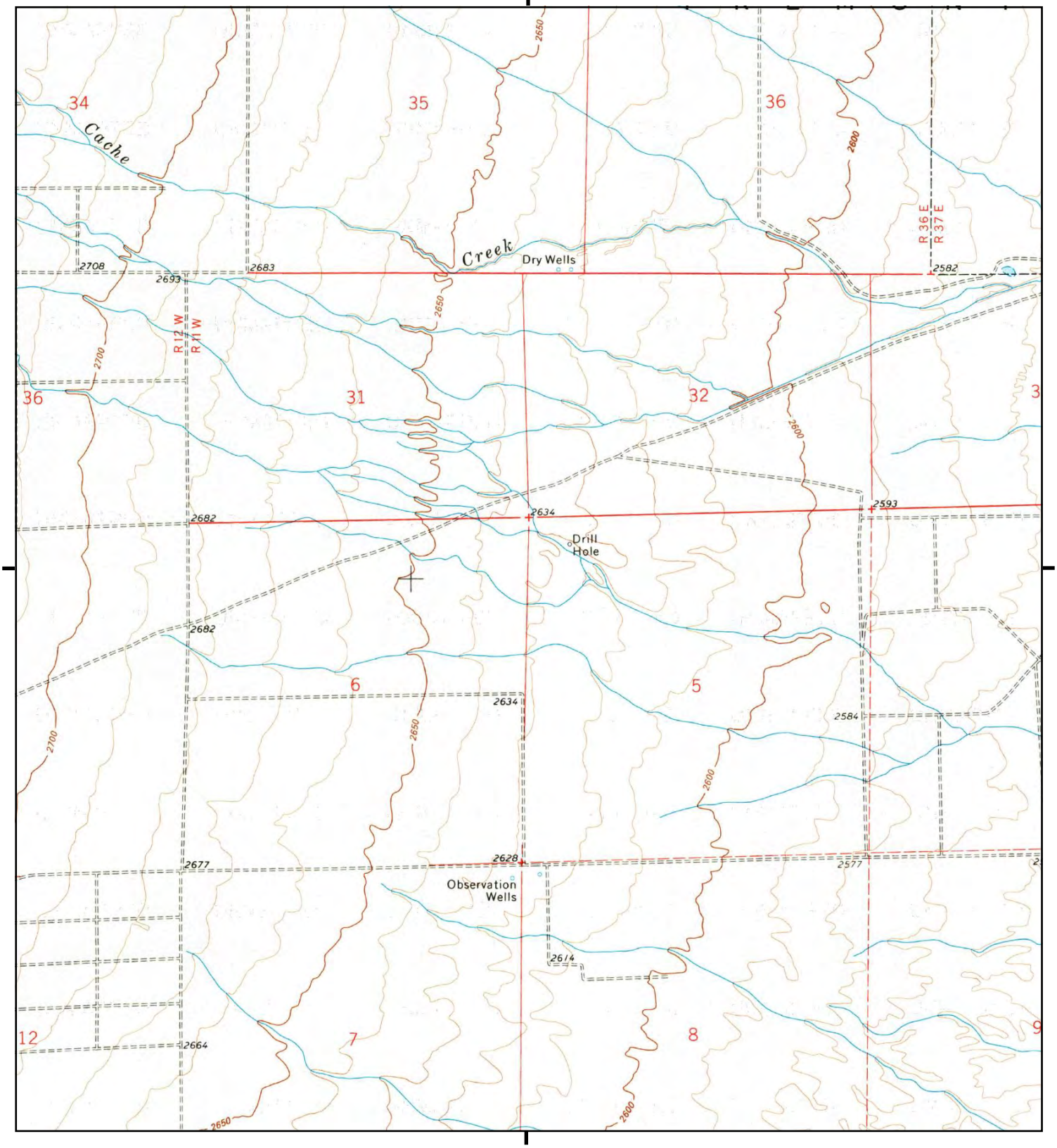
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

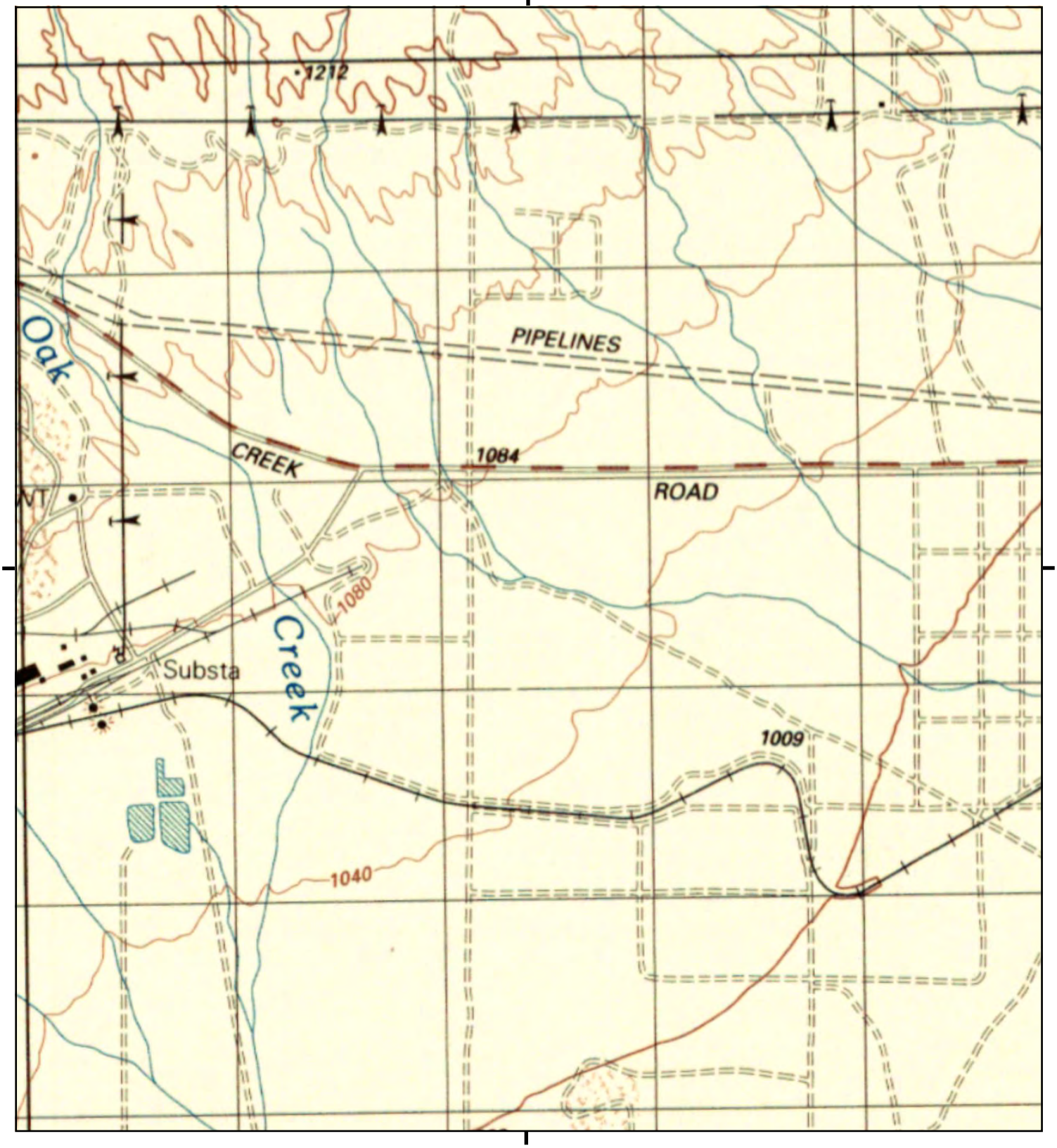
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

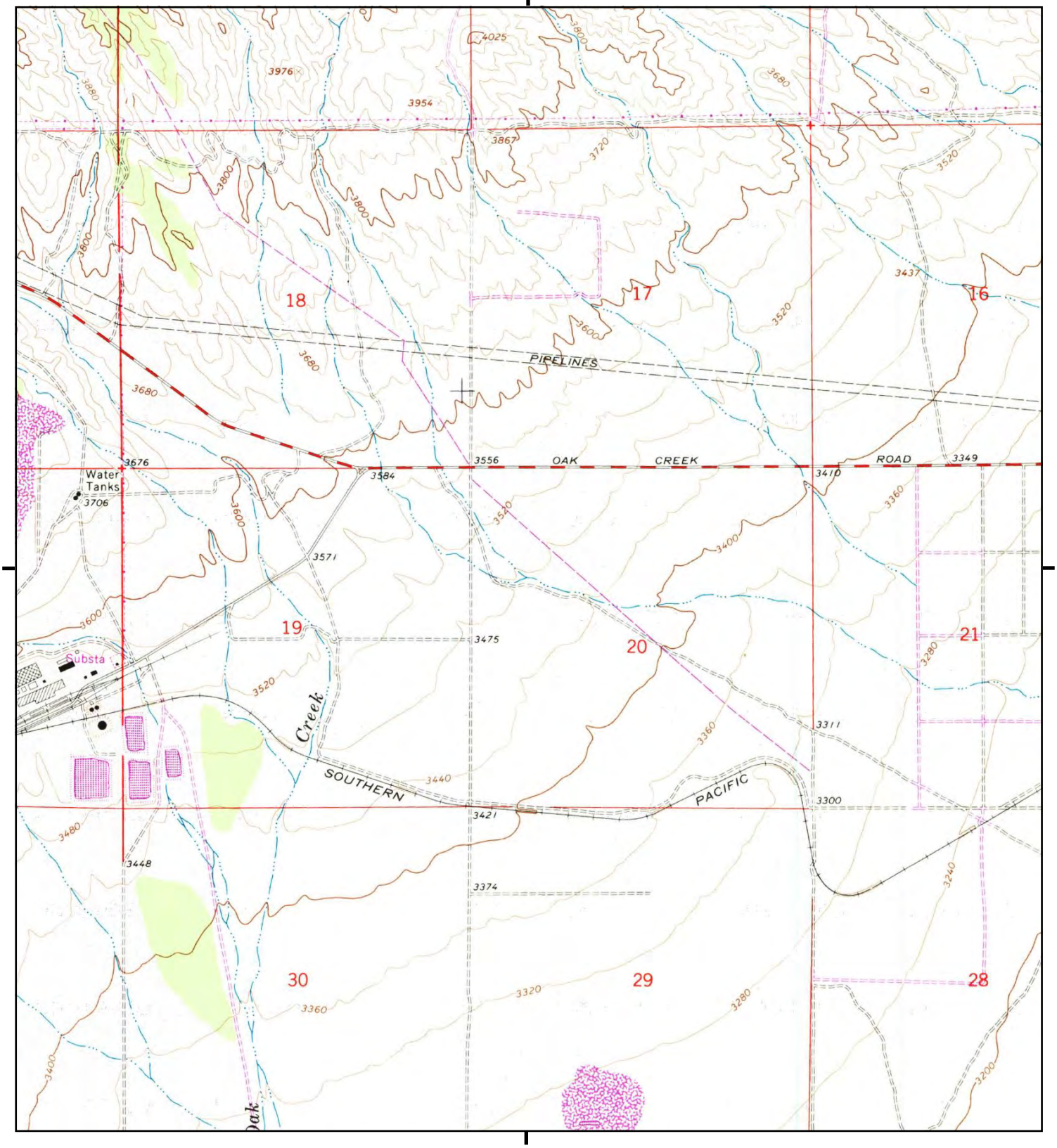
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, TEHACHAPI, 1983, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

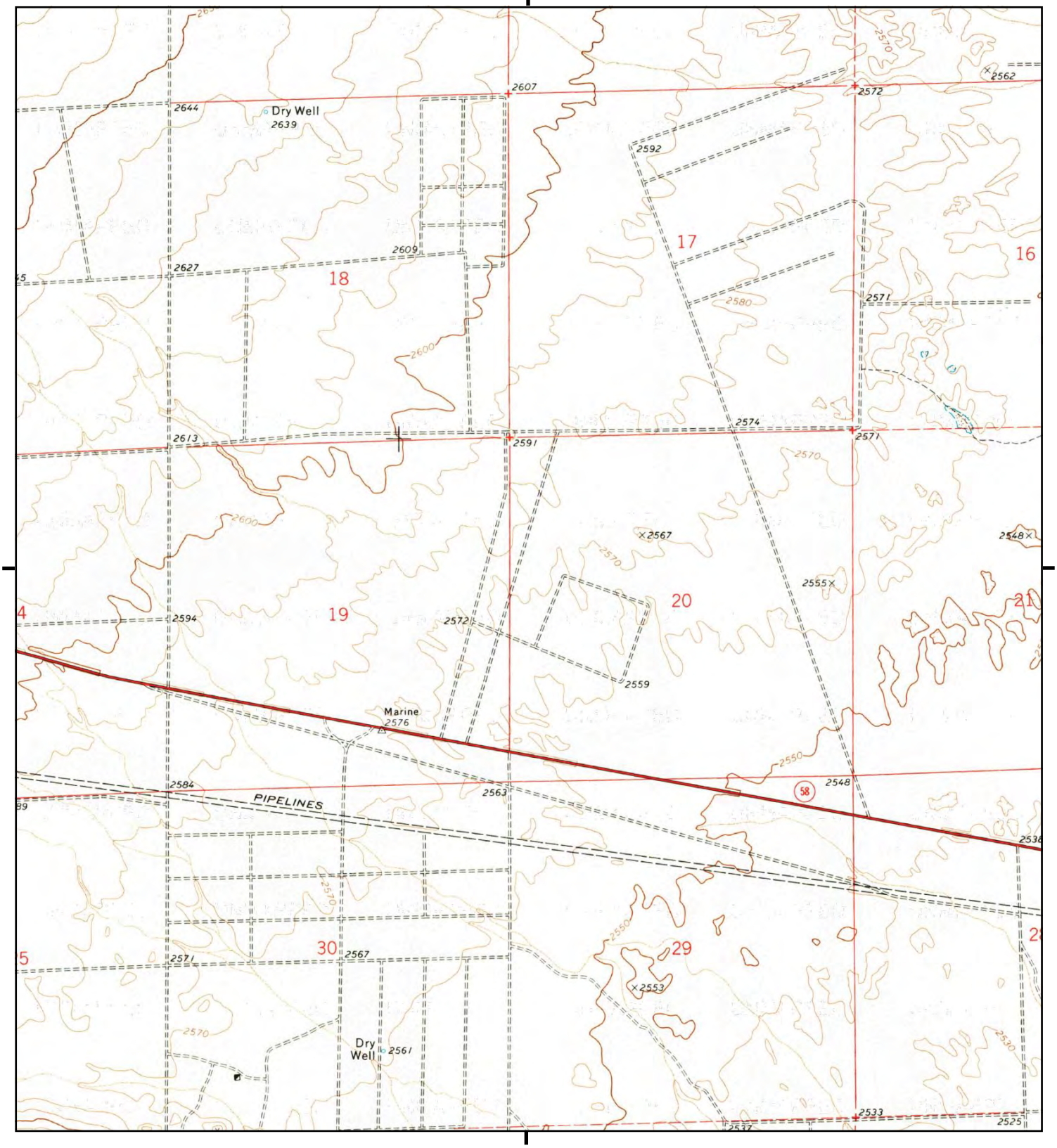
TP, Monolith, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

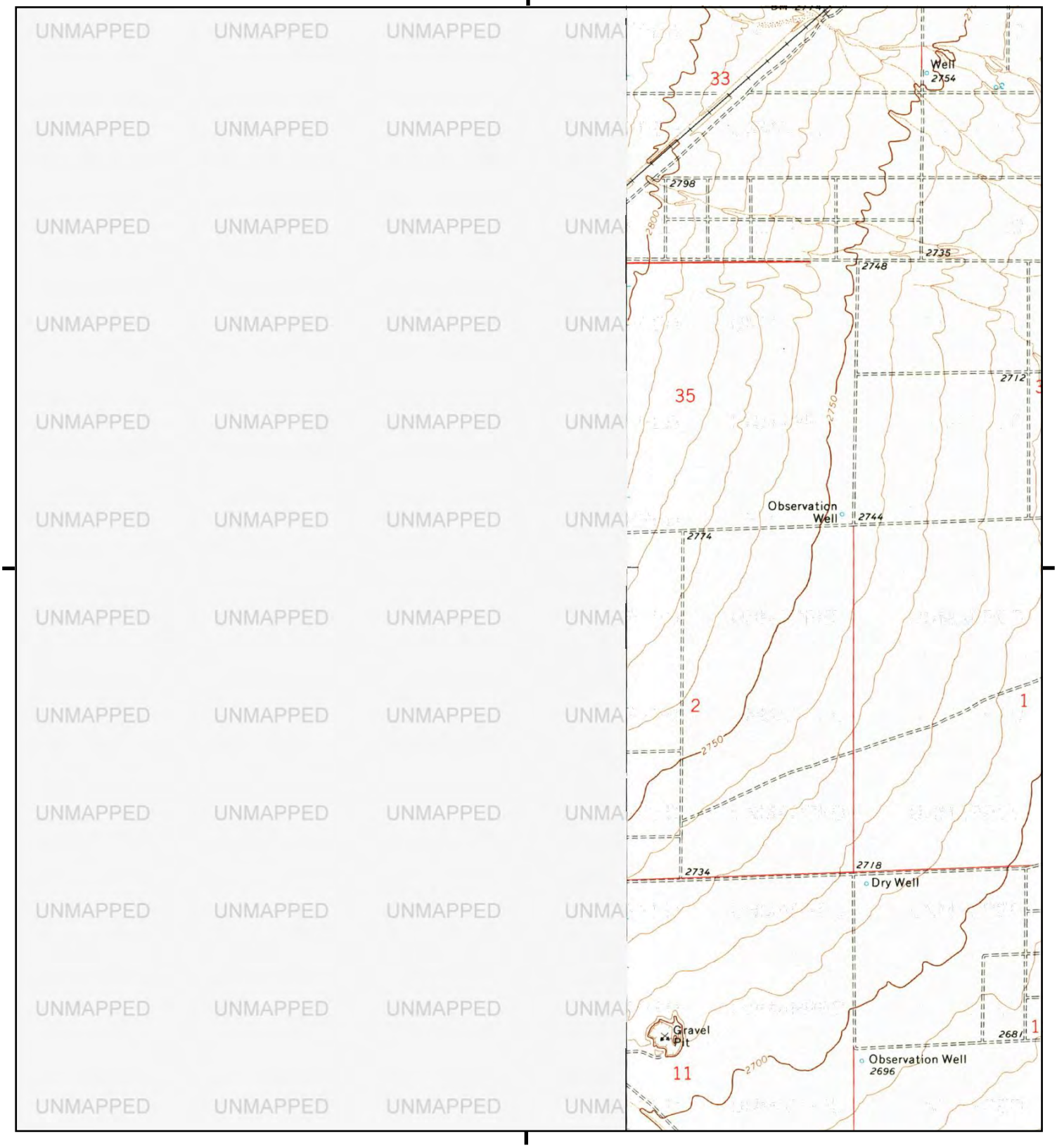
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

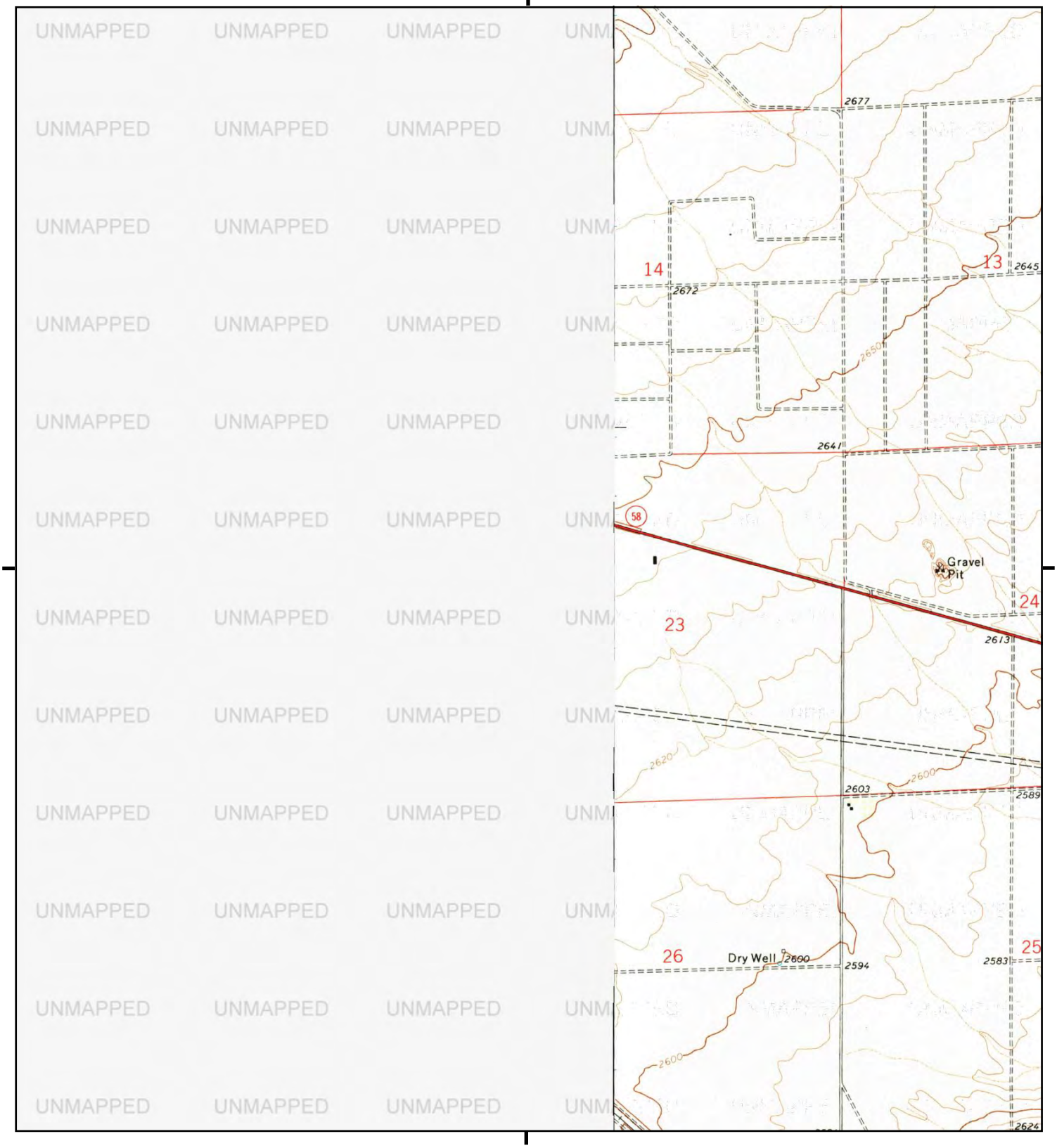
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

E, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

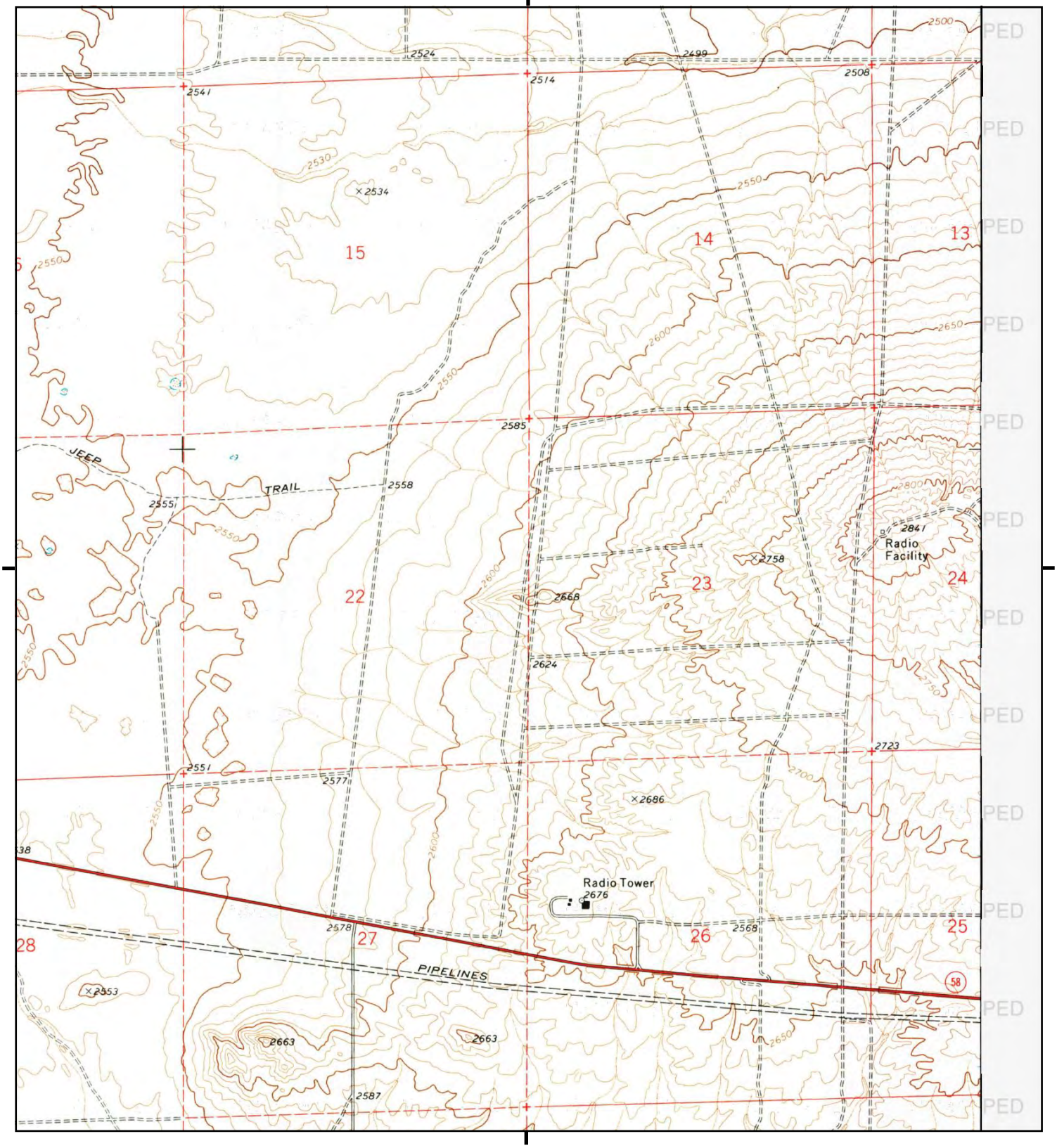
NE, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

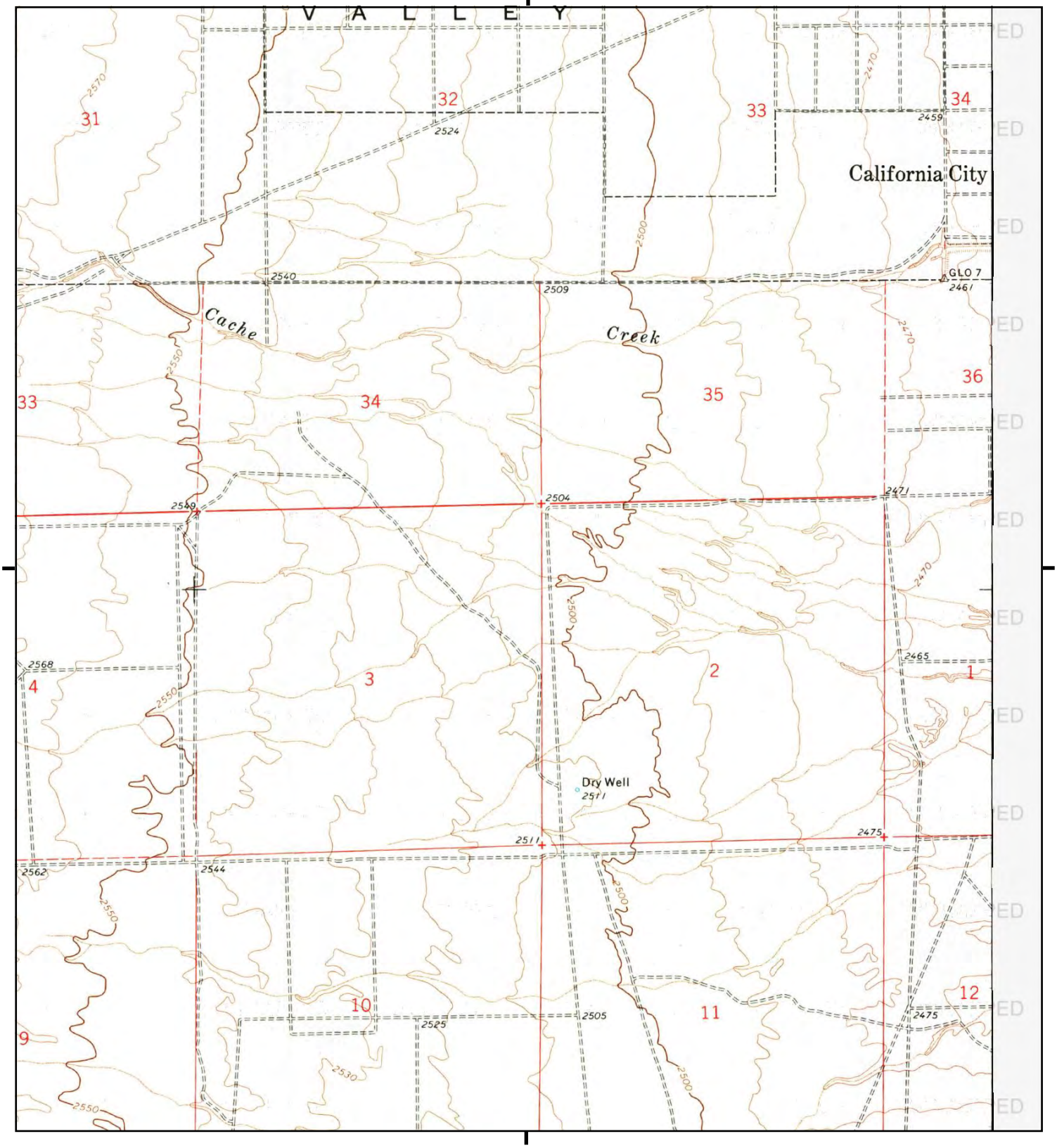
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

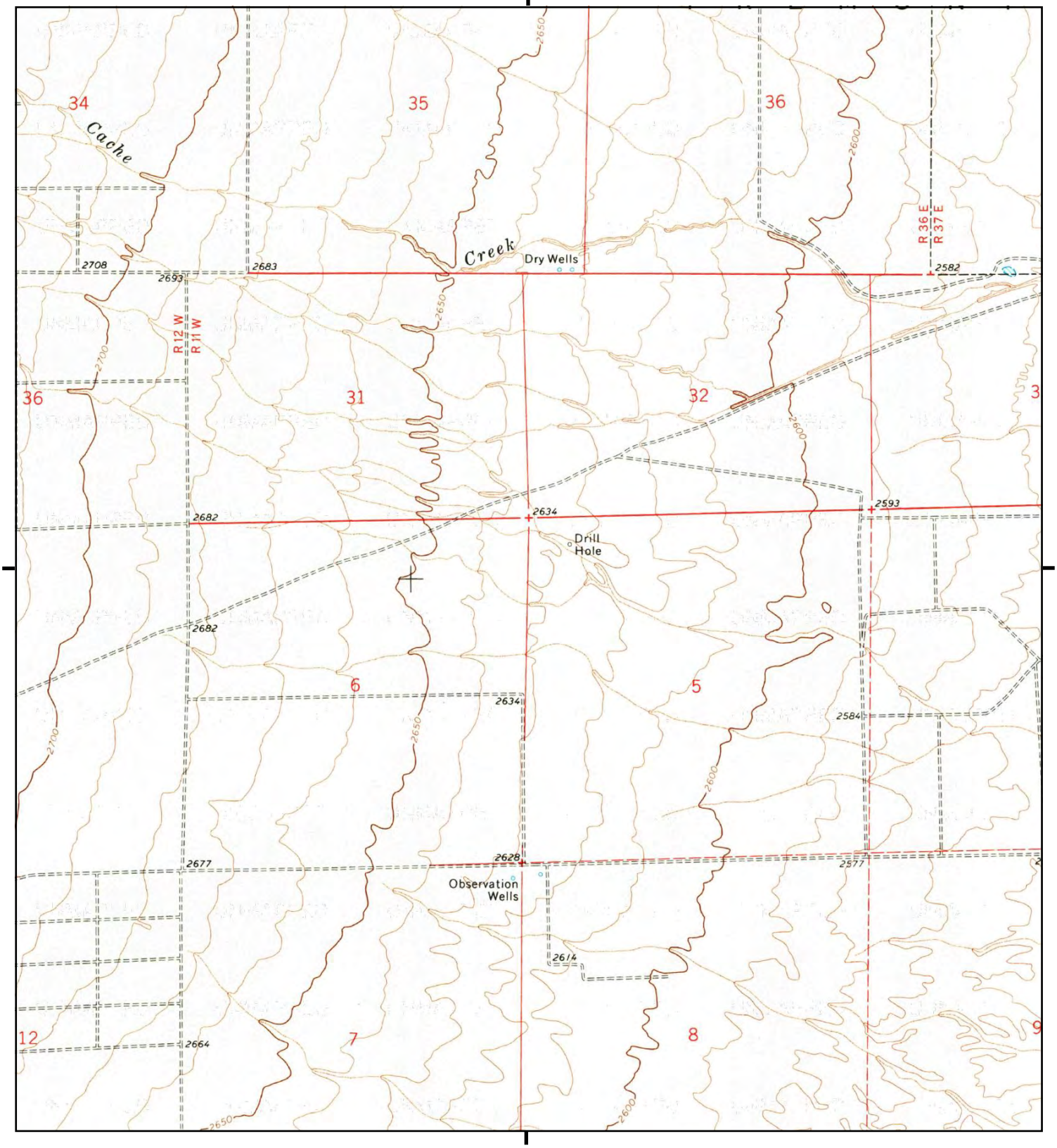
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

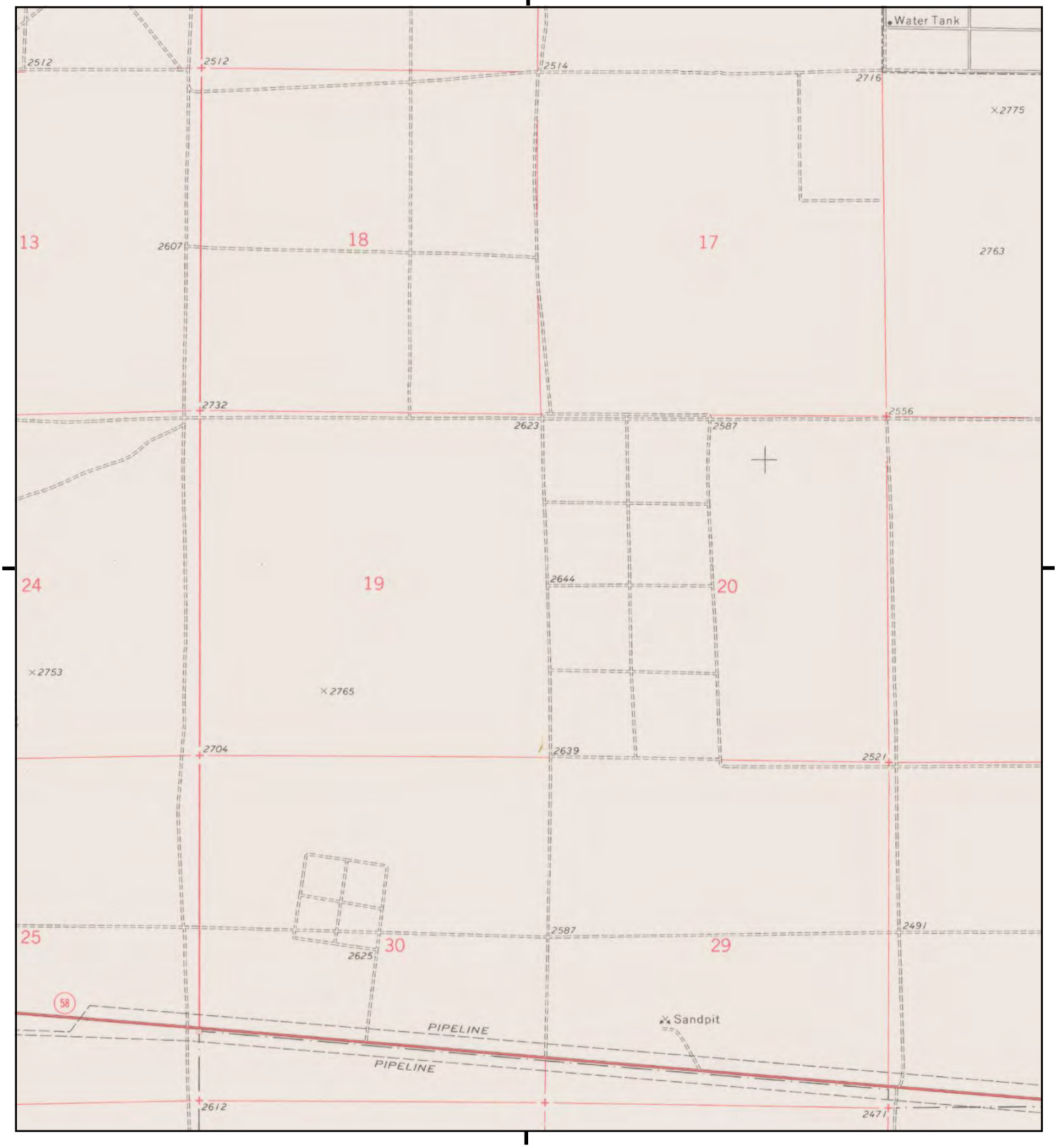
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

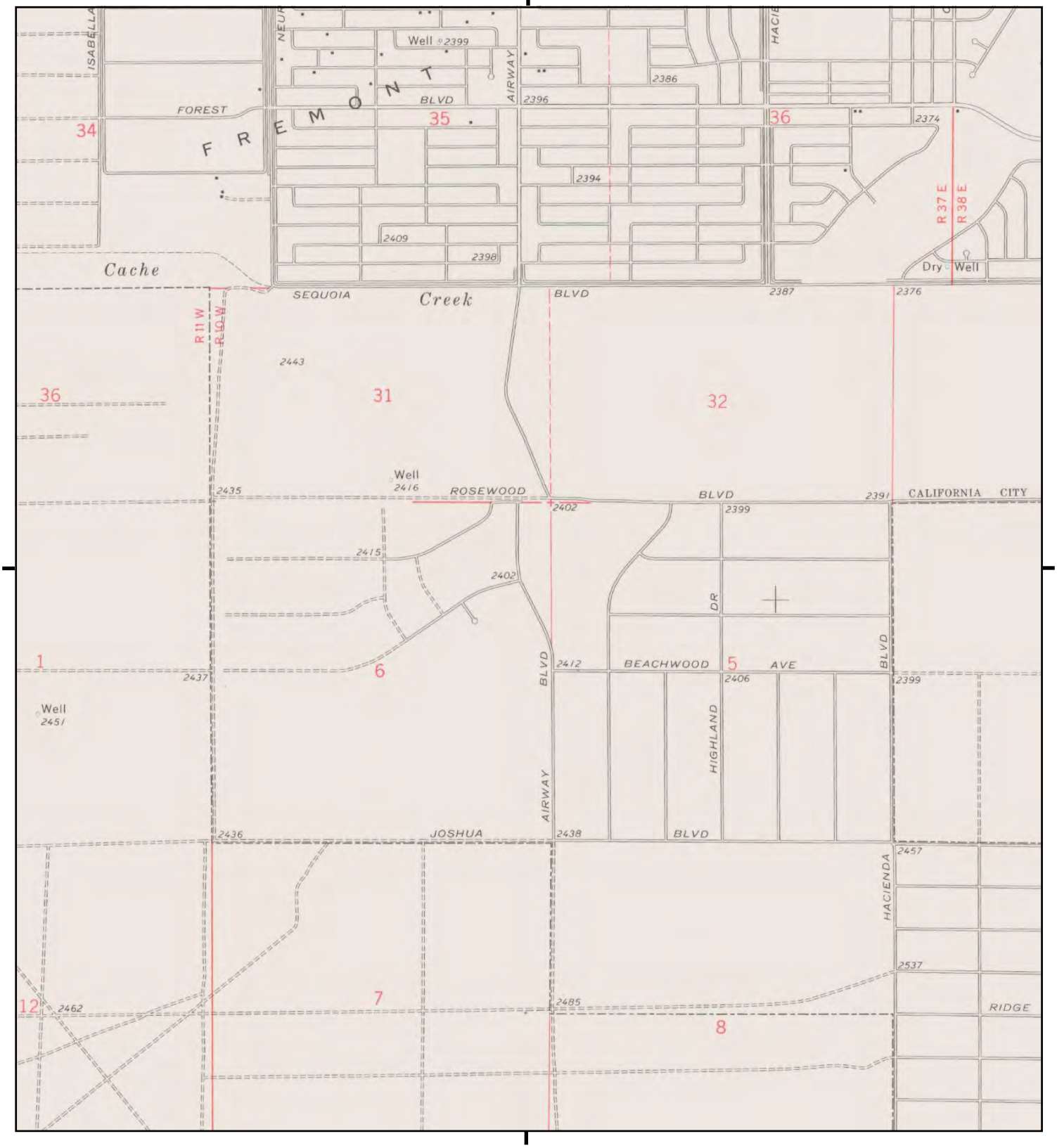
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, California City South, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

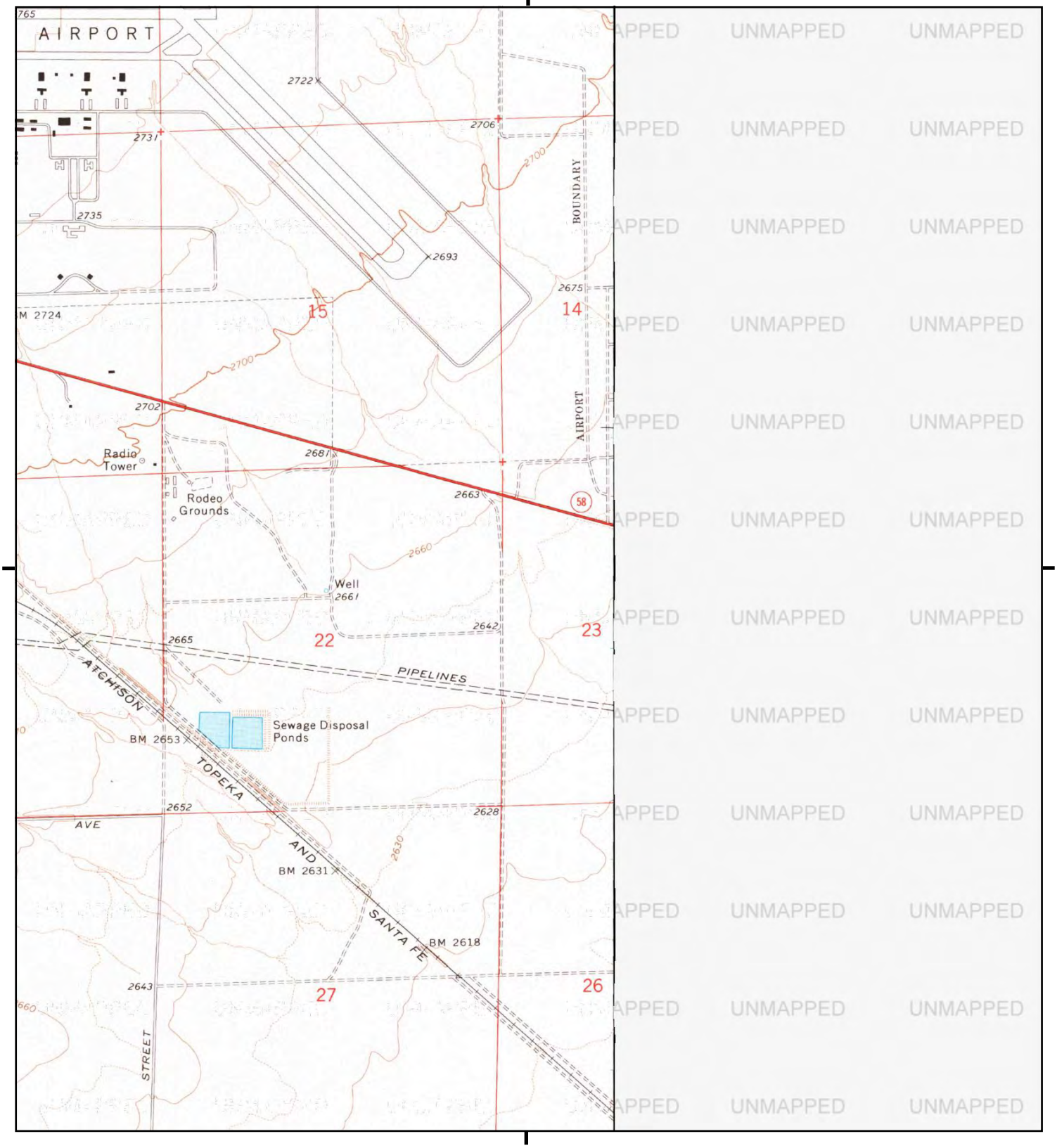
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, California City South, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

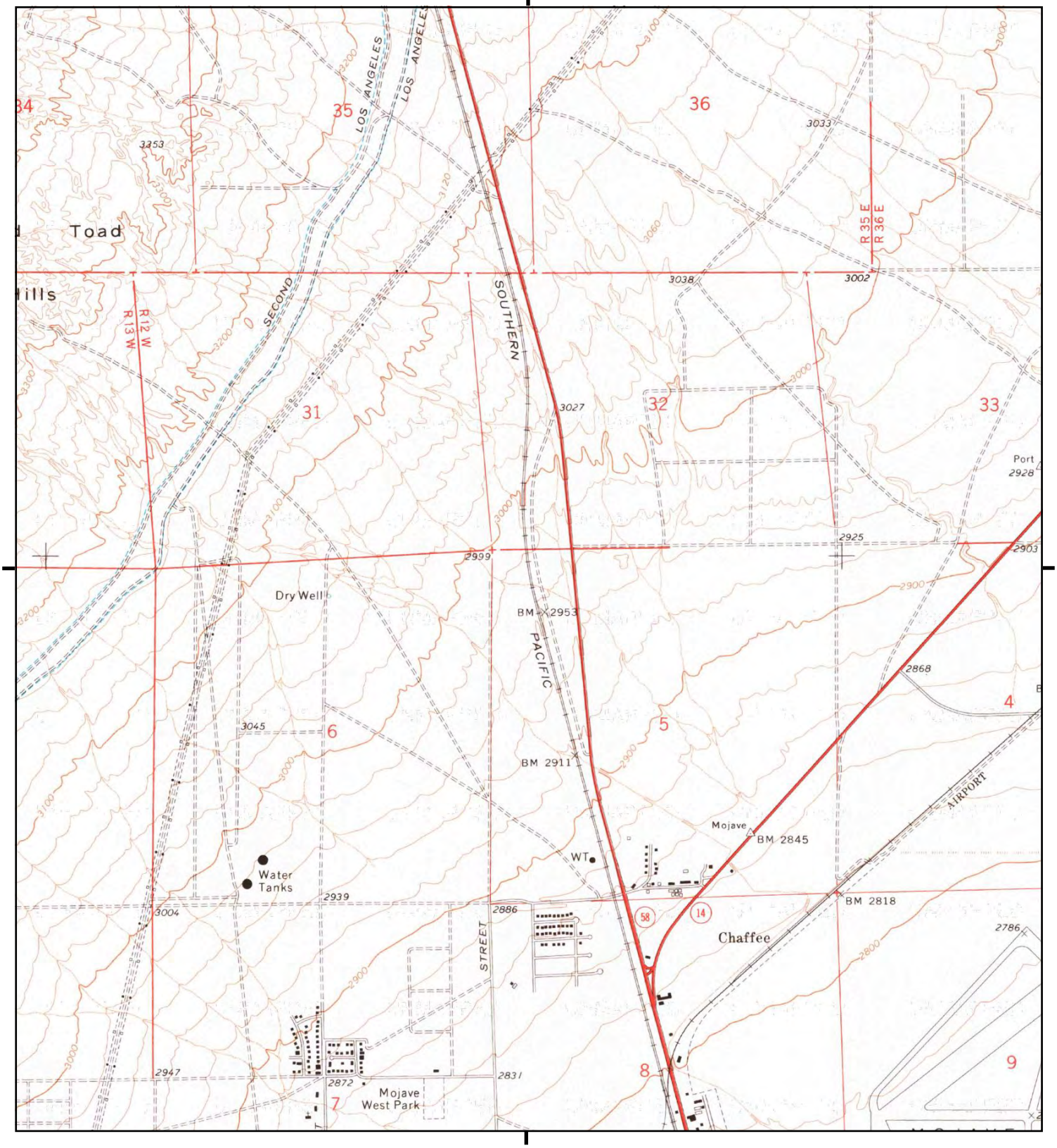
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

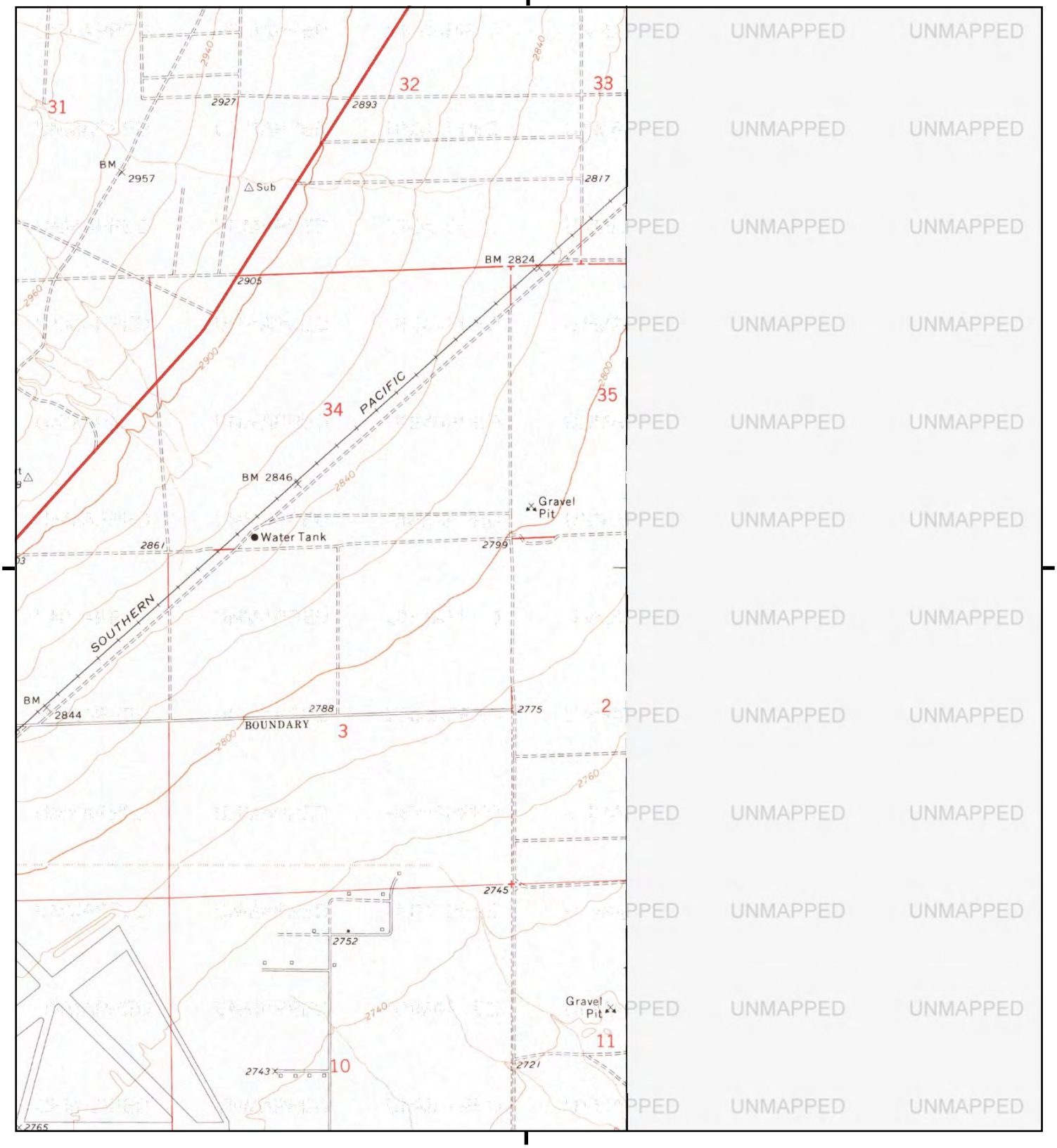
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

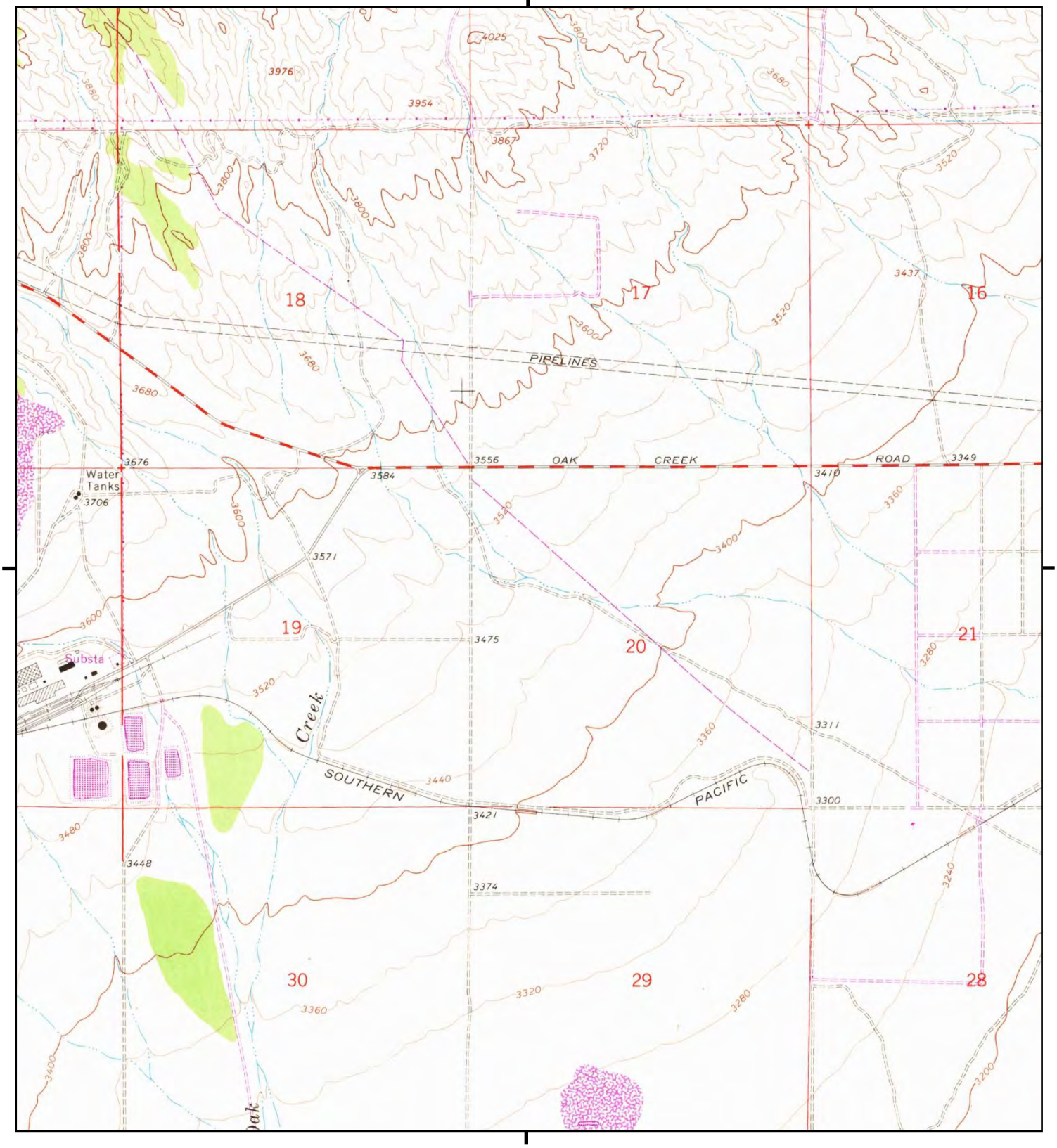
TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

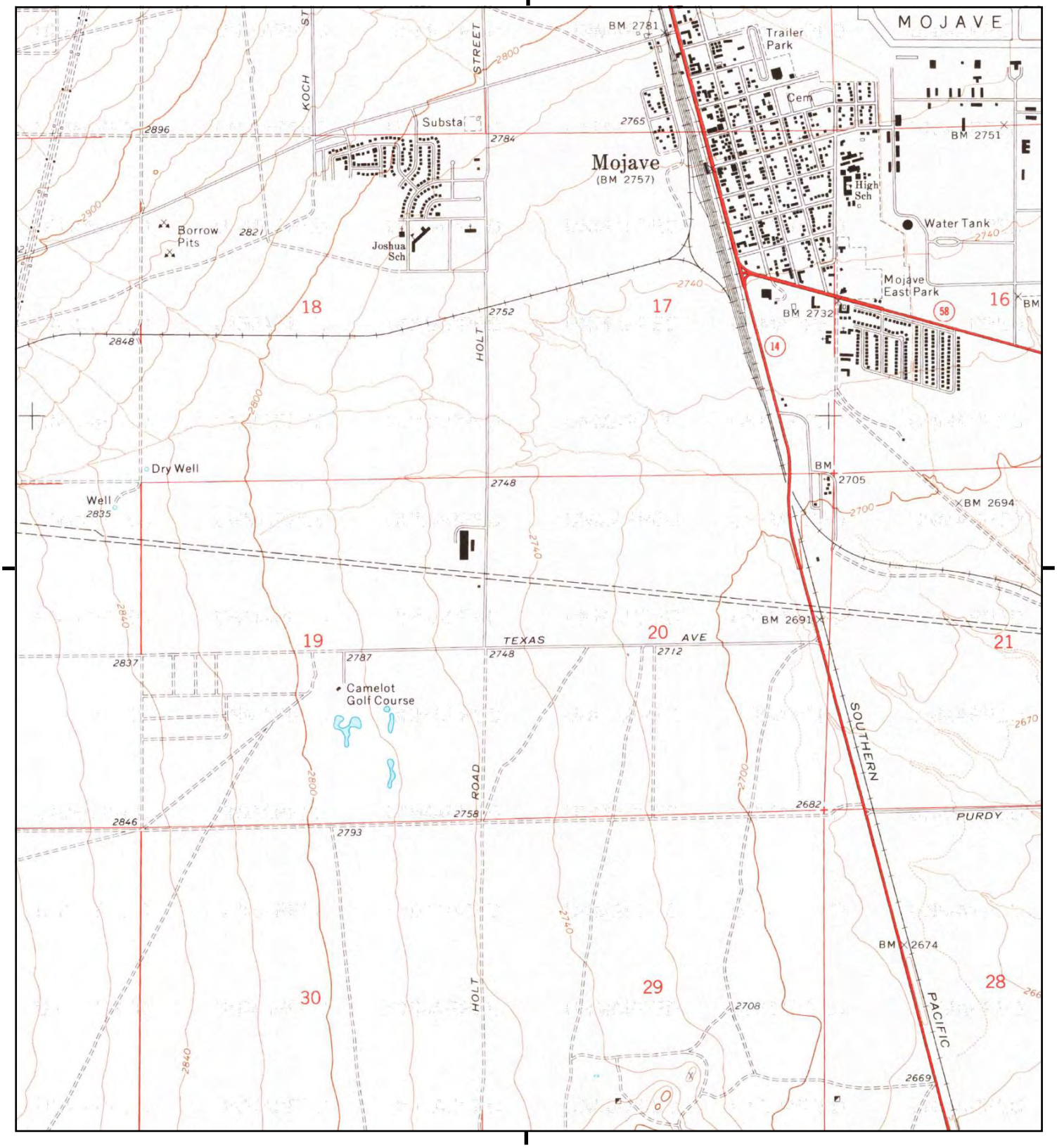
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

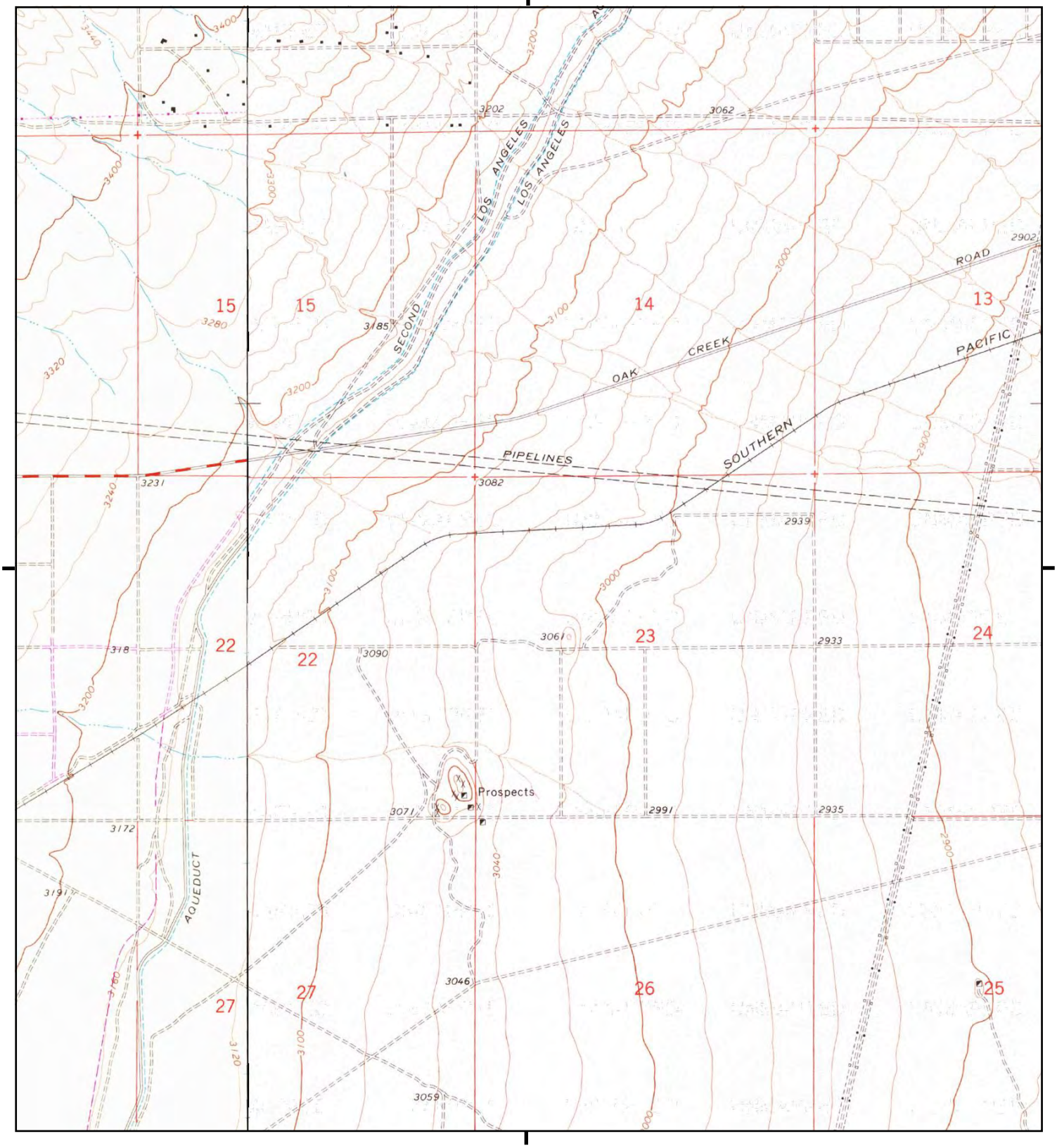
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

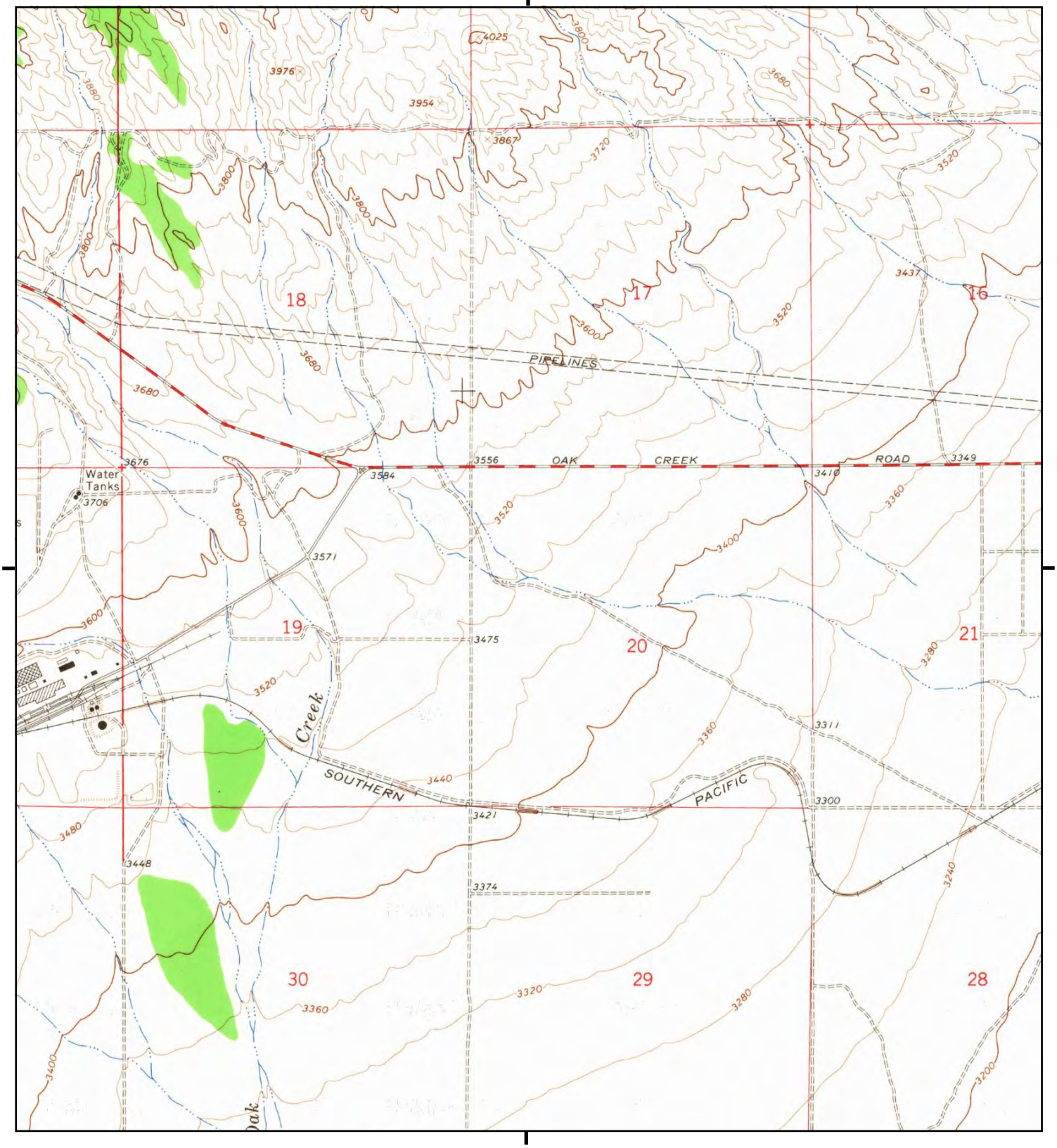
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute
NW, Monolith, 1973, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

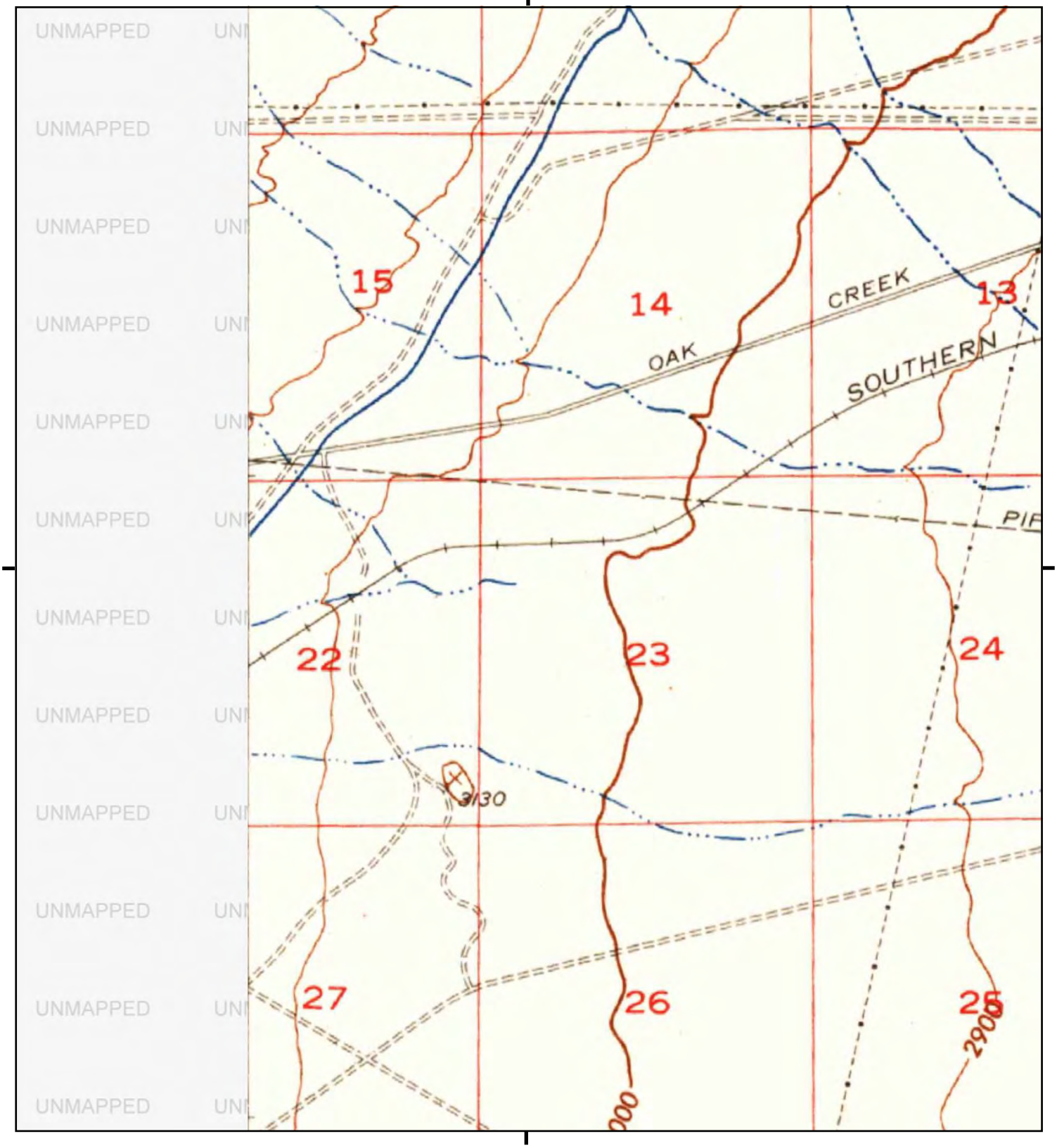
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1966, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

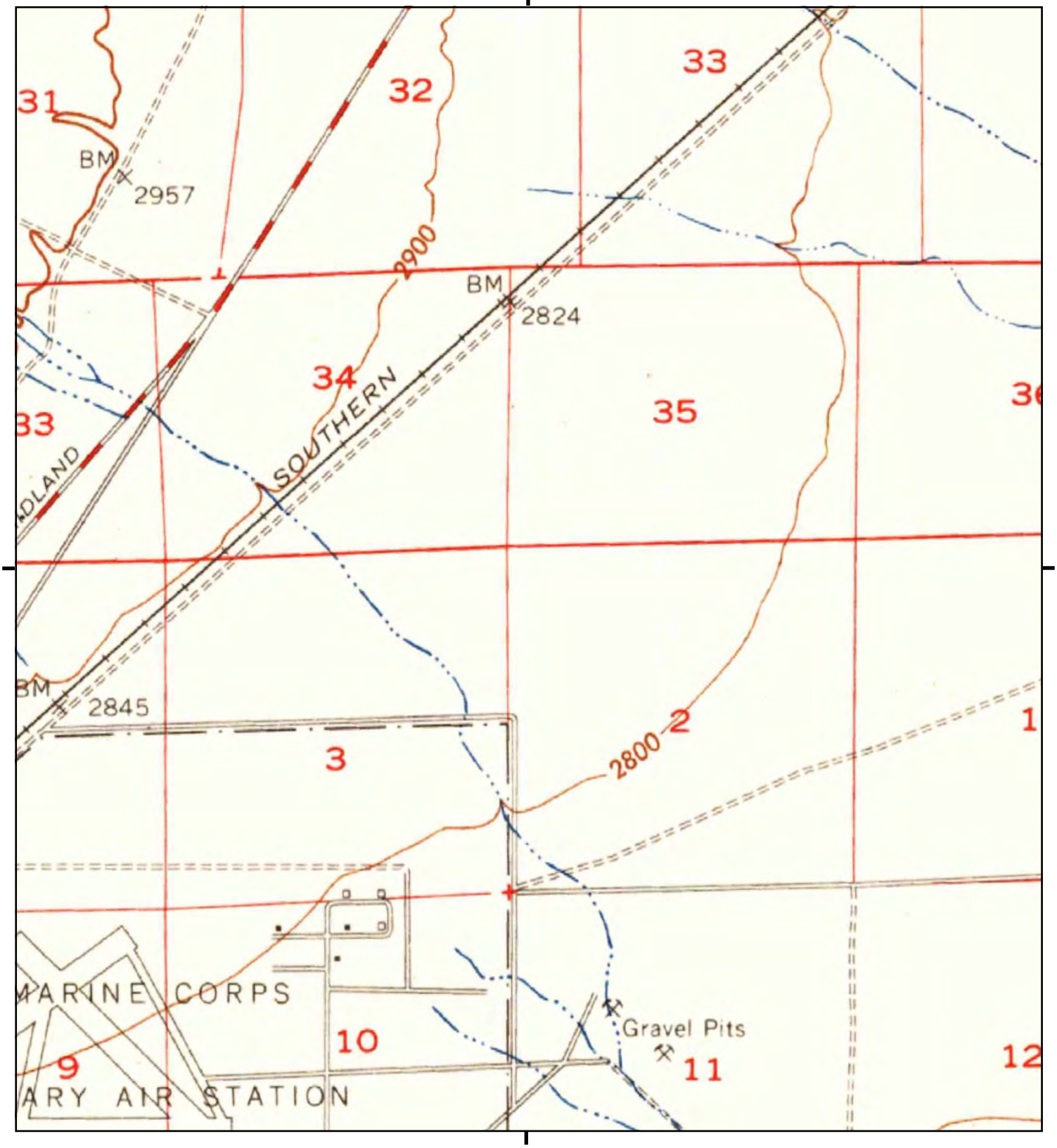
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

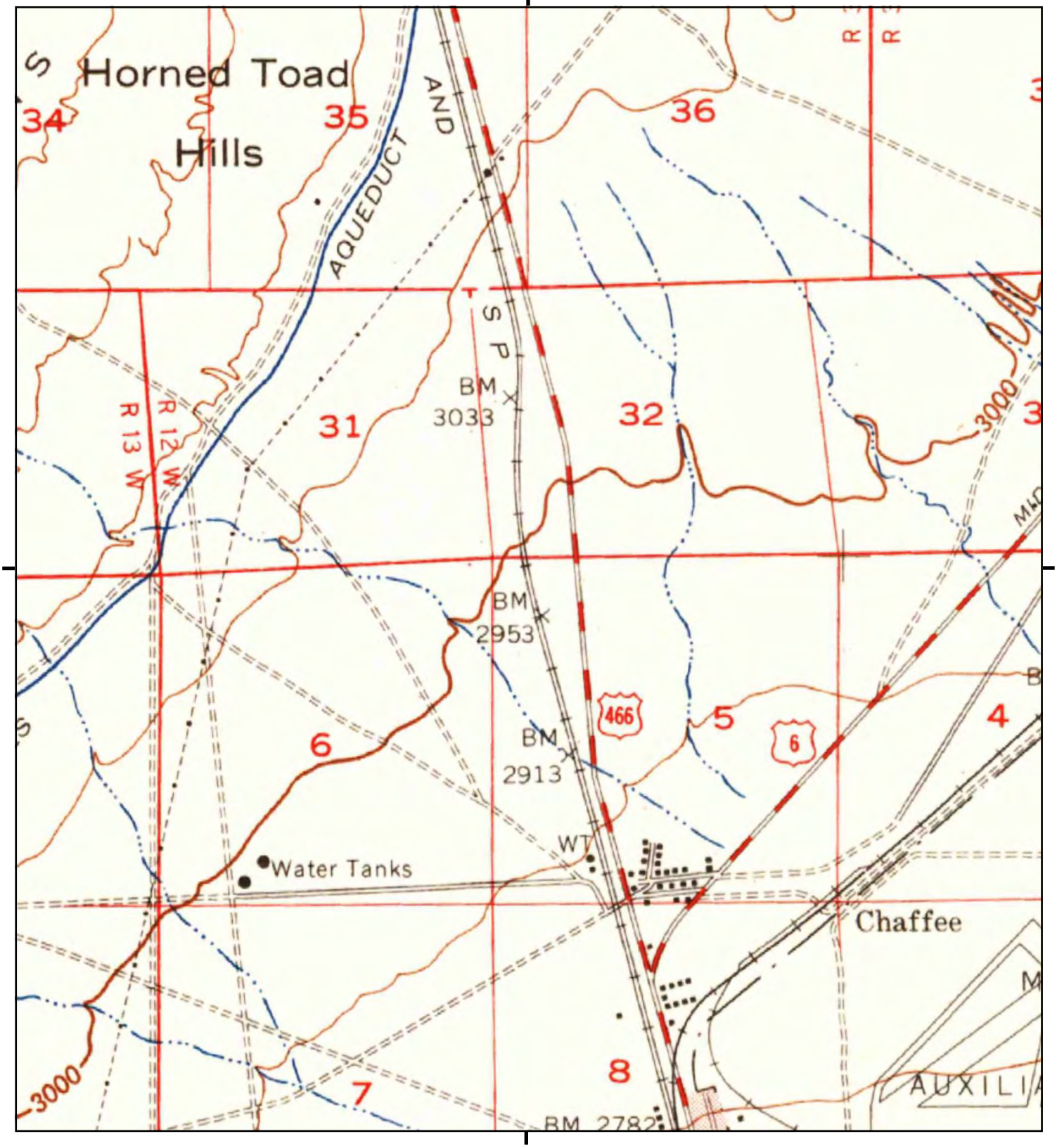
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

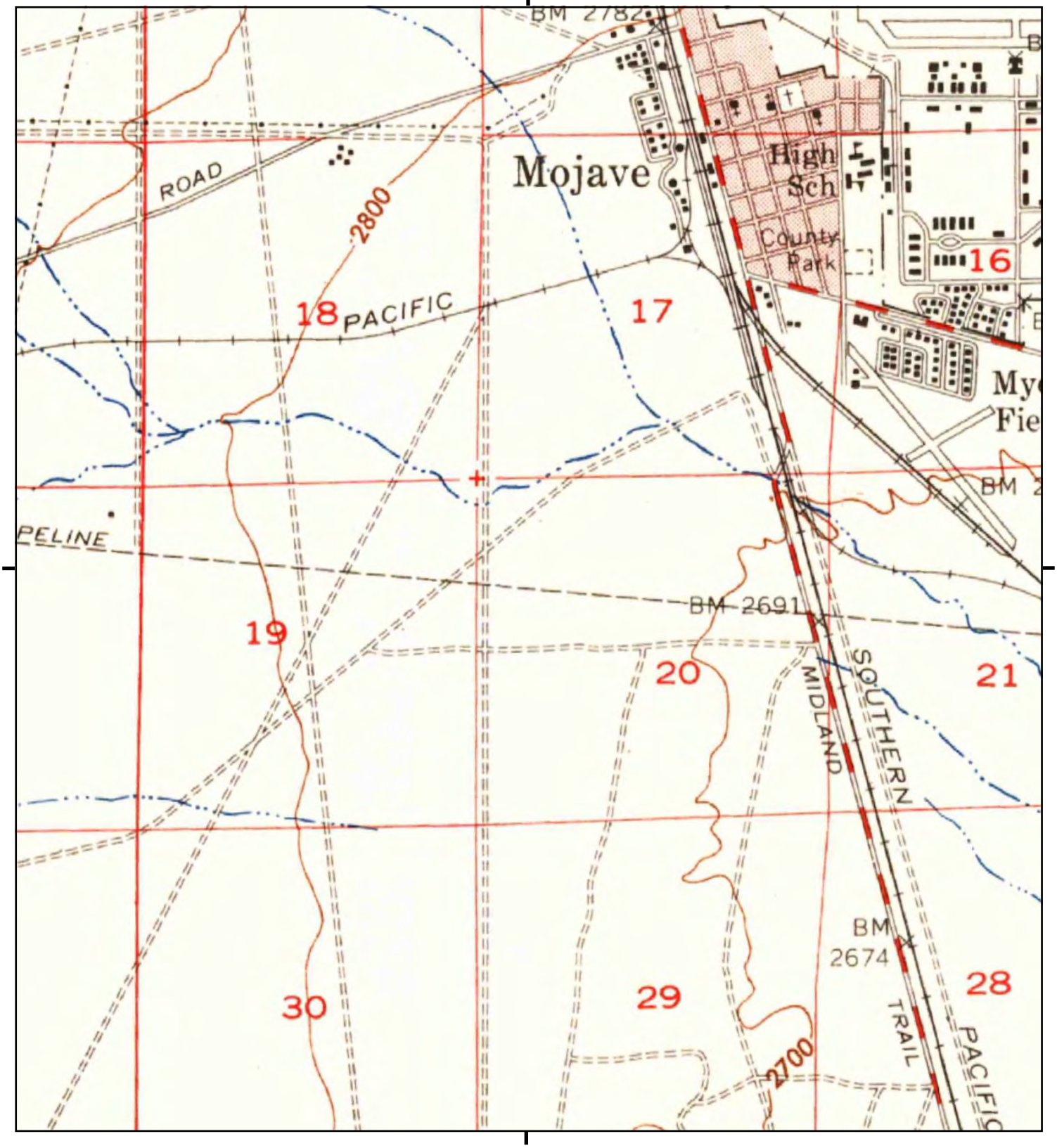
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

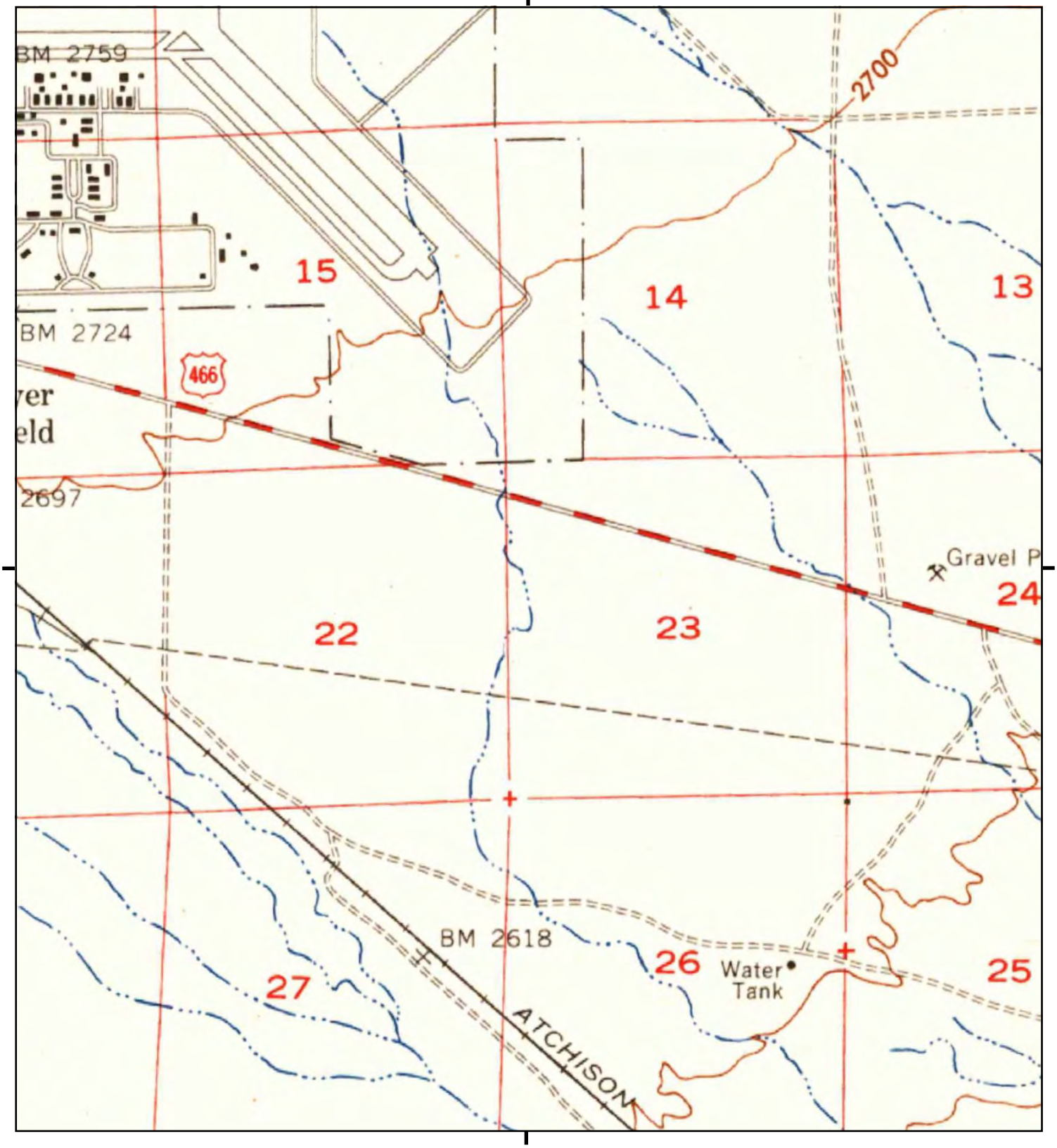
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

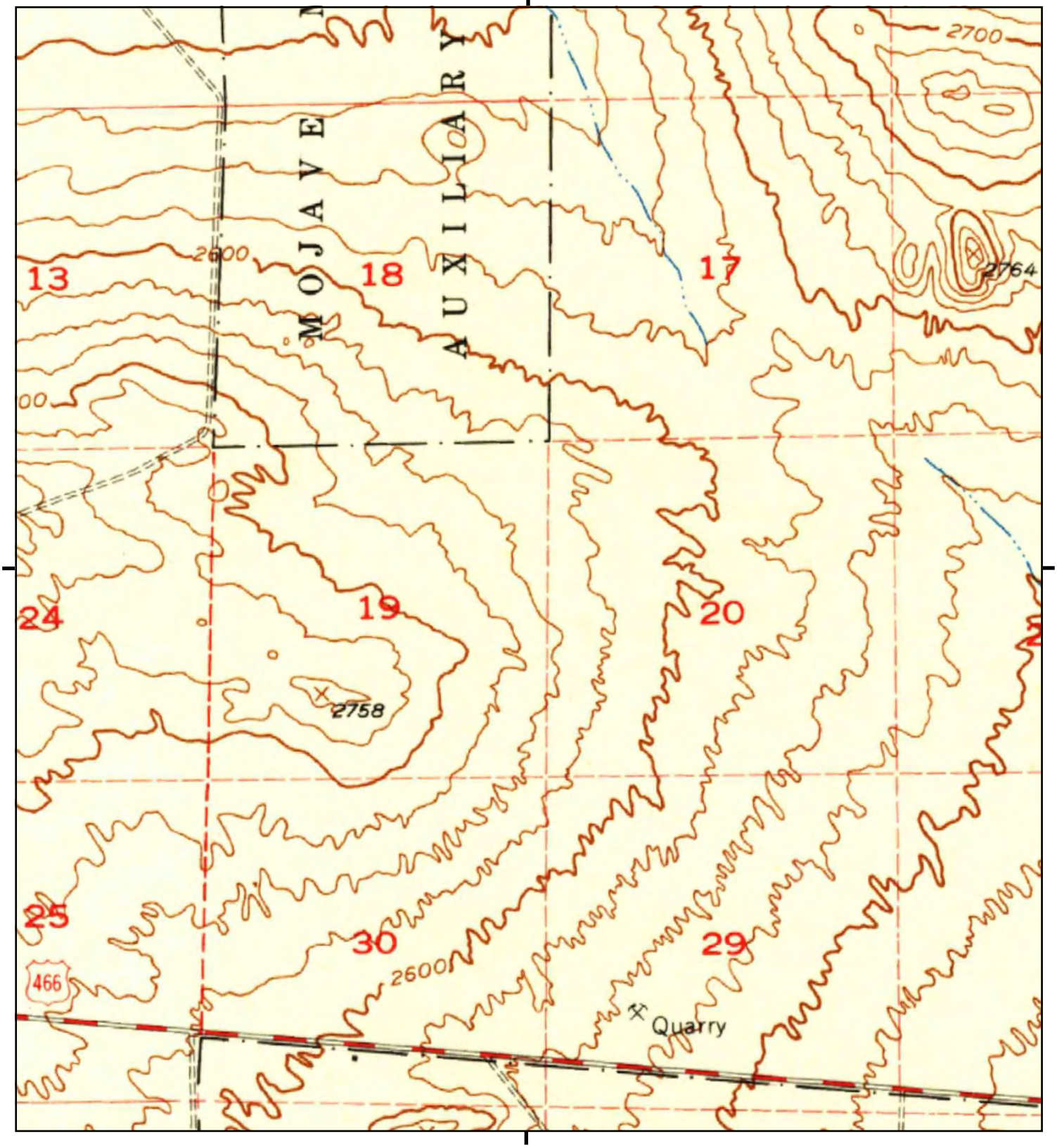
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

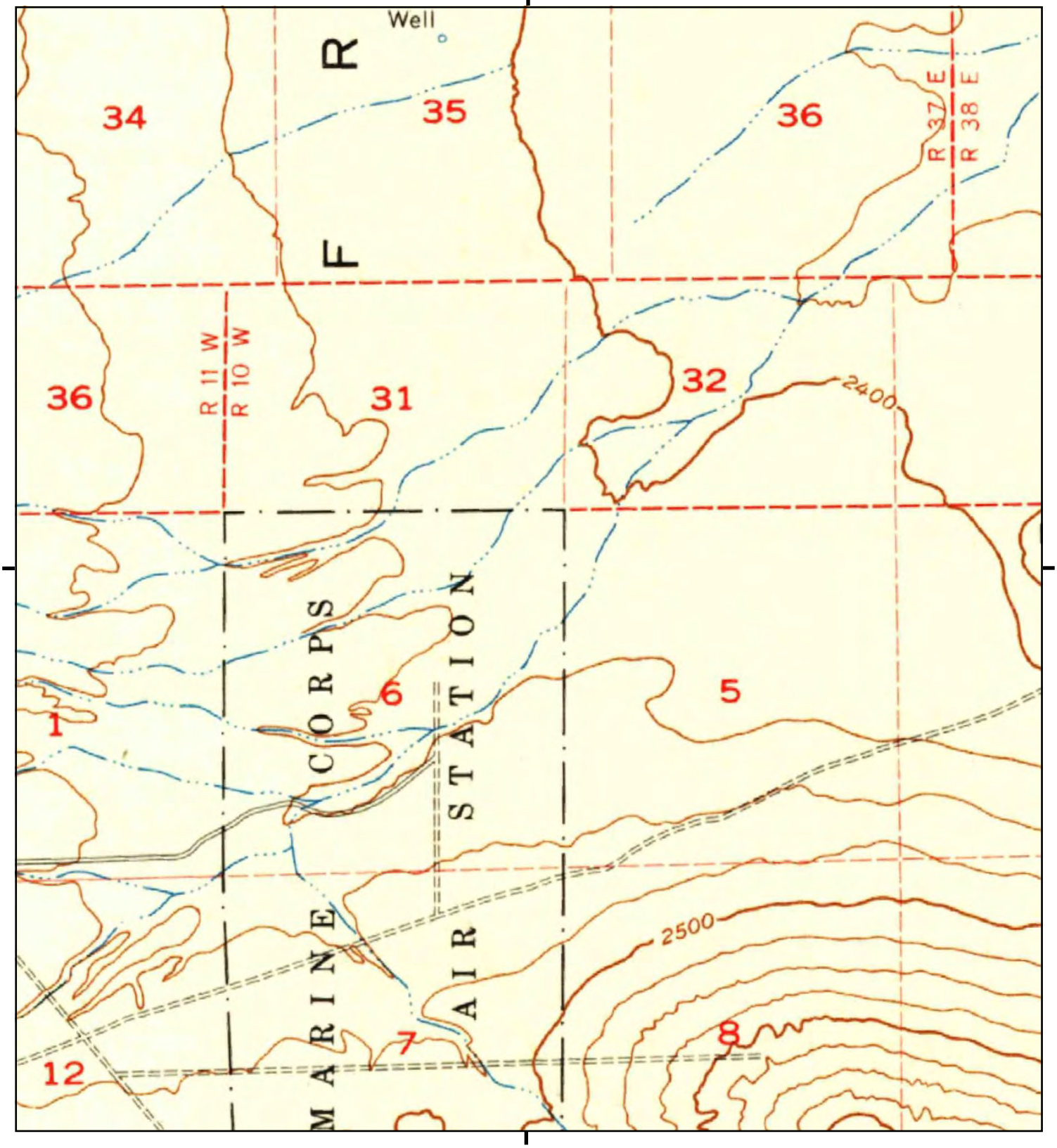
TP, Castle Butte, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

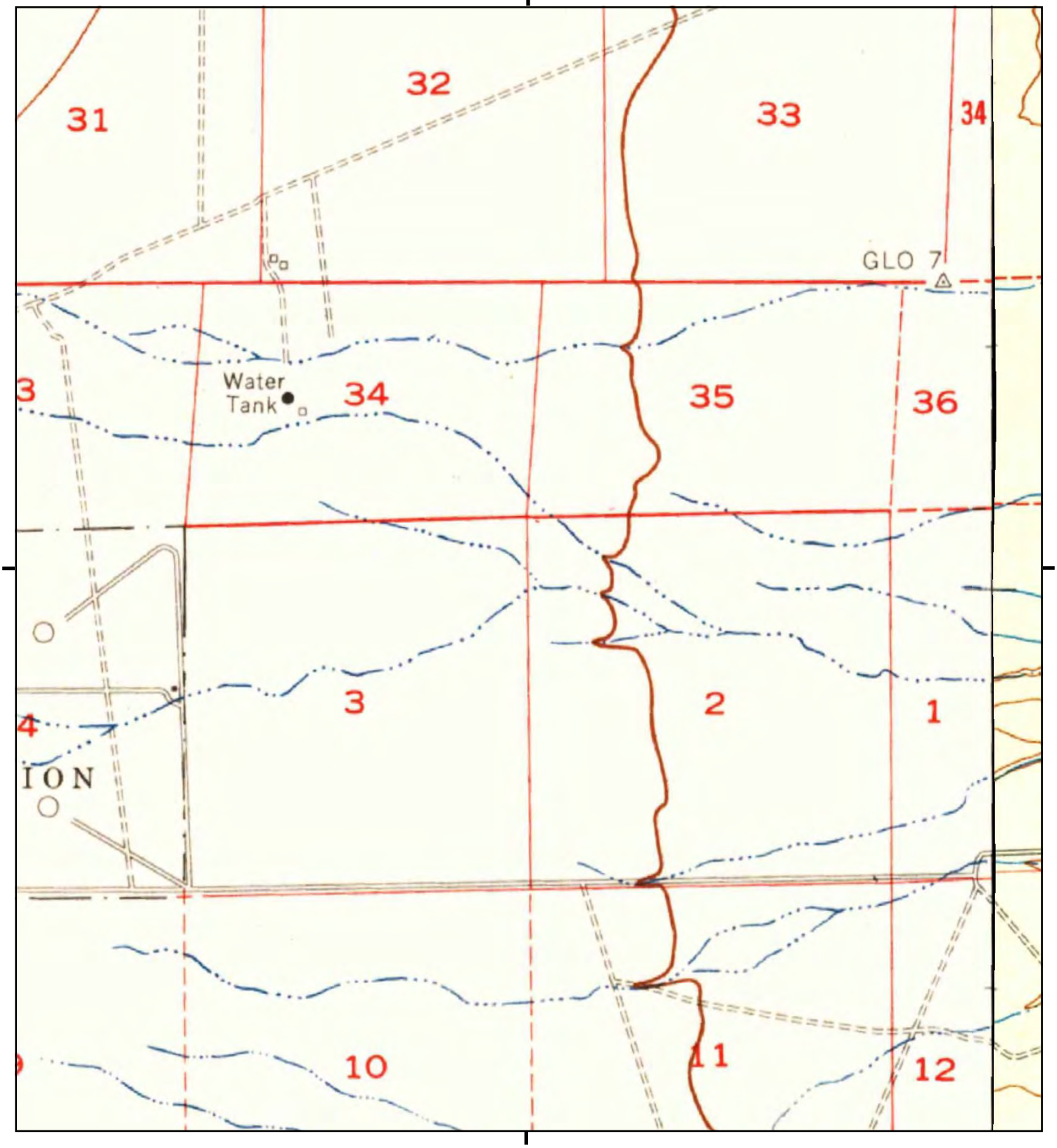
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Castle Butte, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

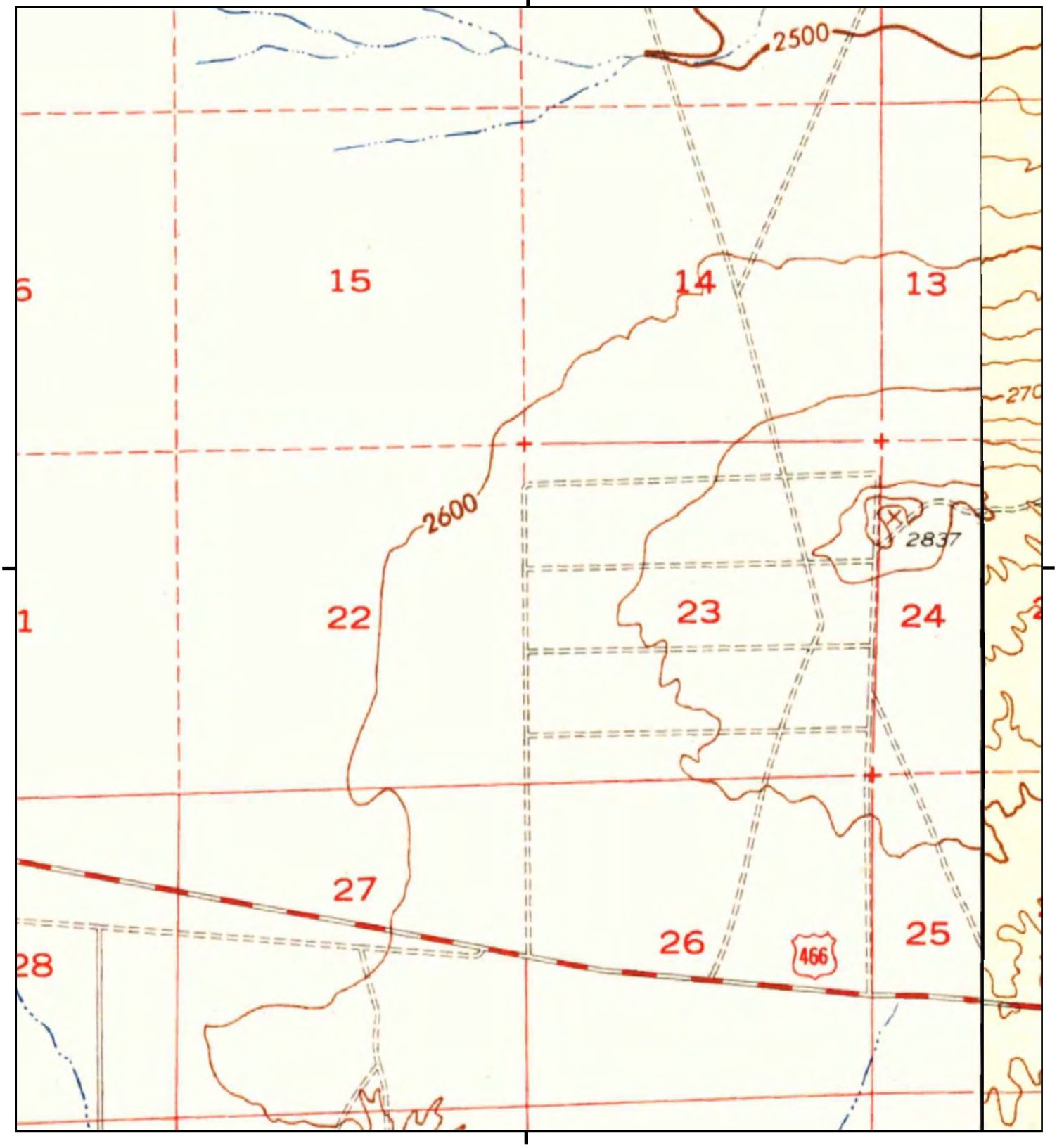
TP, Mojave, 1956, 15-minute
E, Castle Butte, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

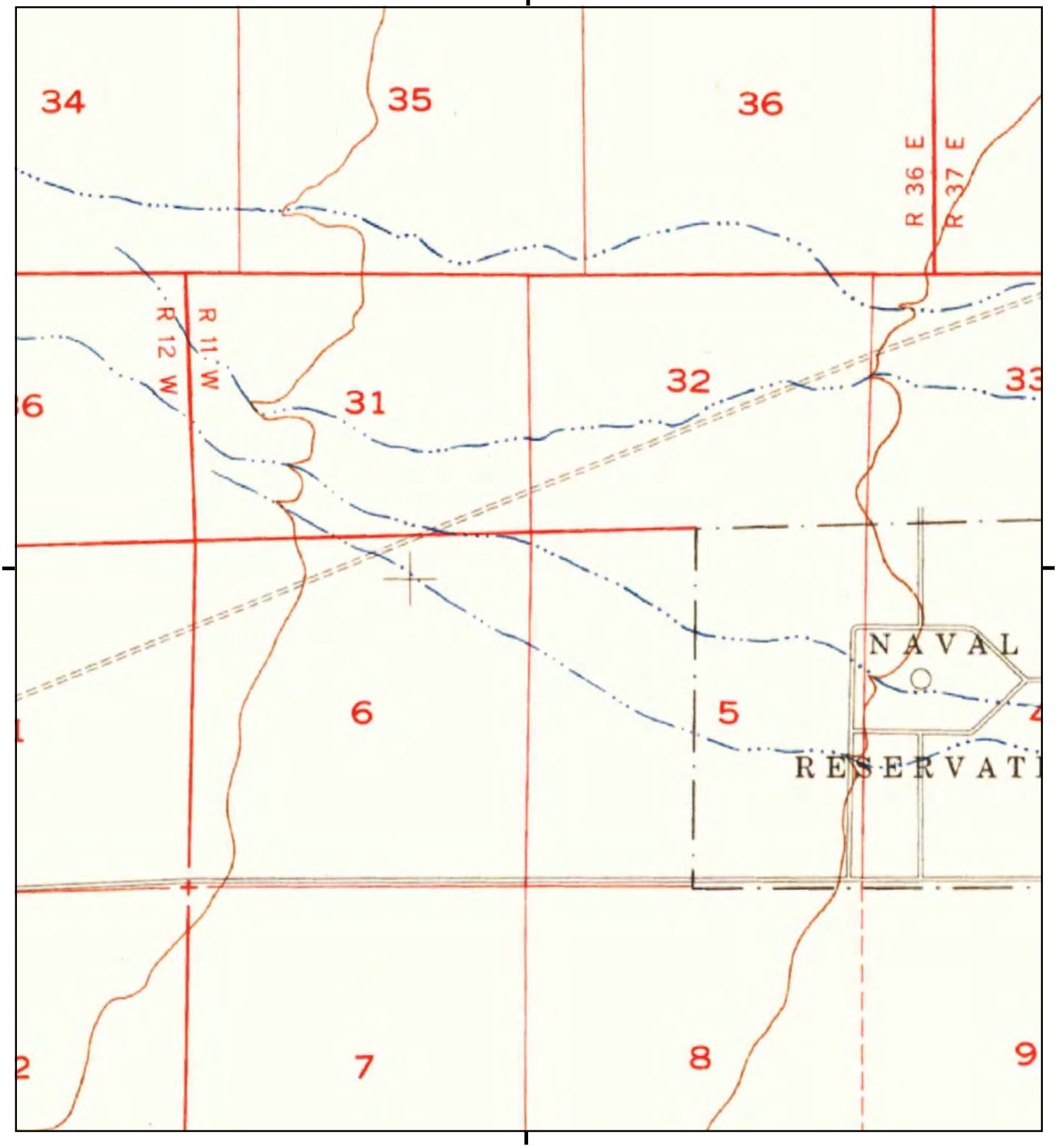
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute
NE, Castle Butte, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

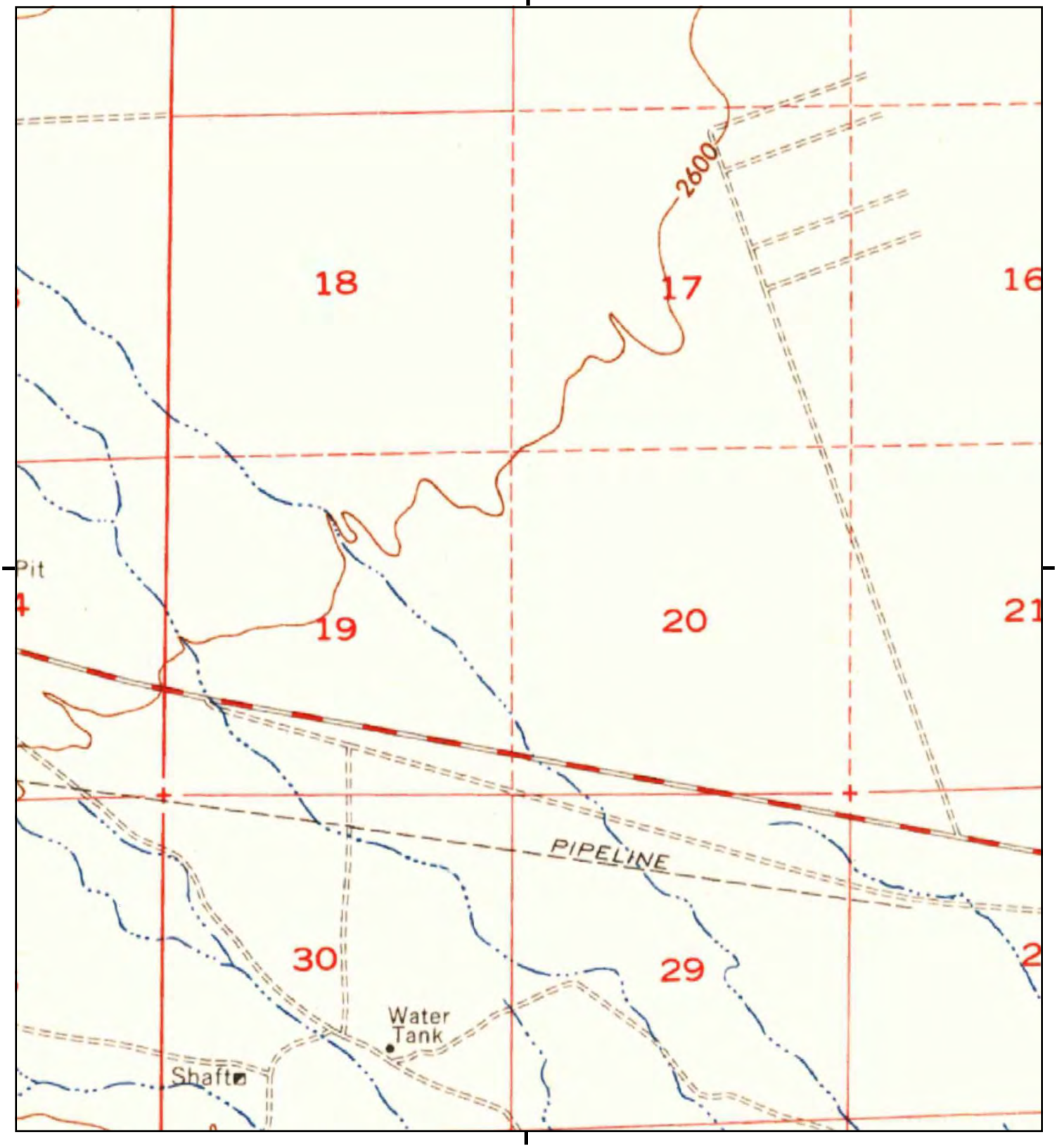
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

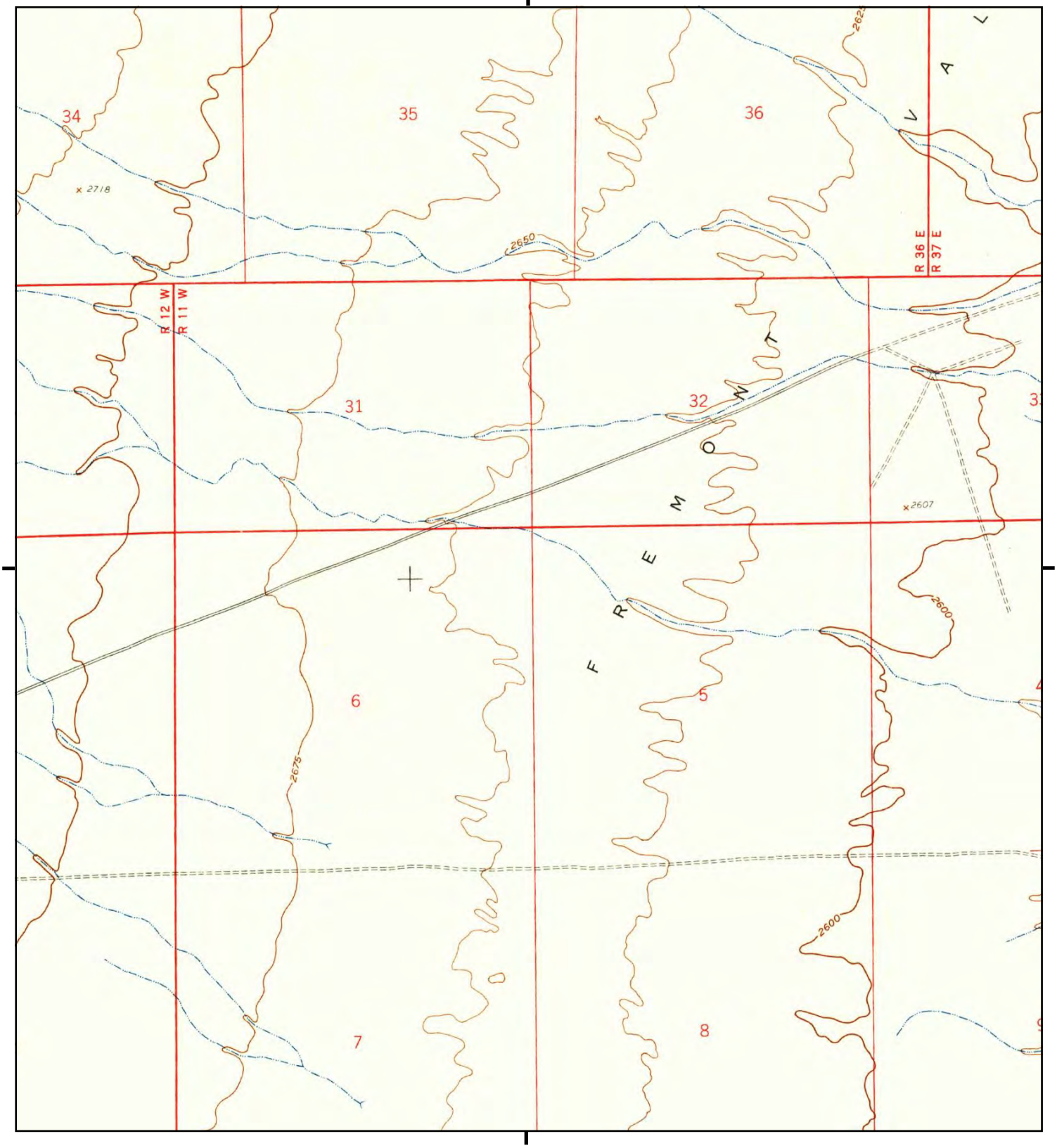
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

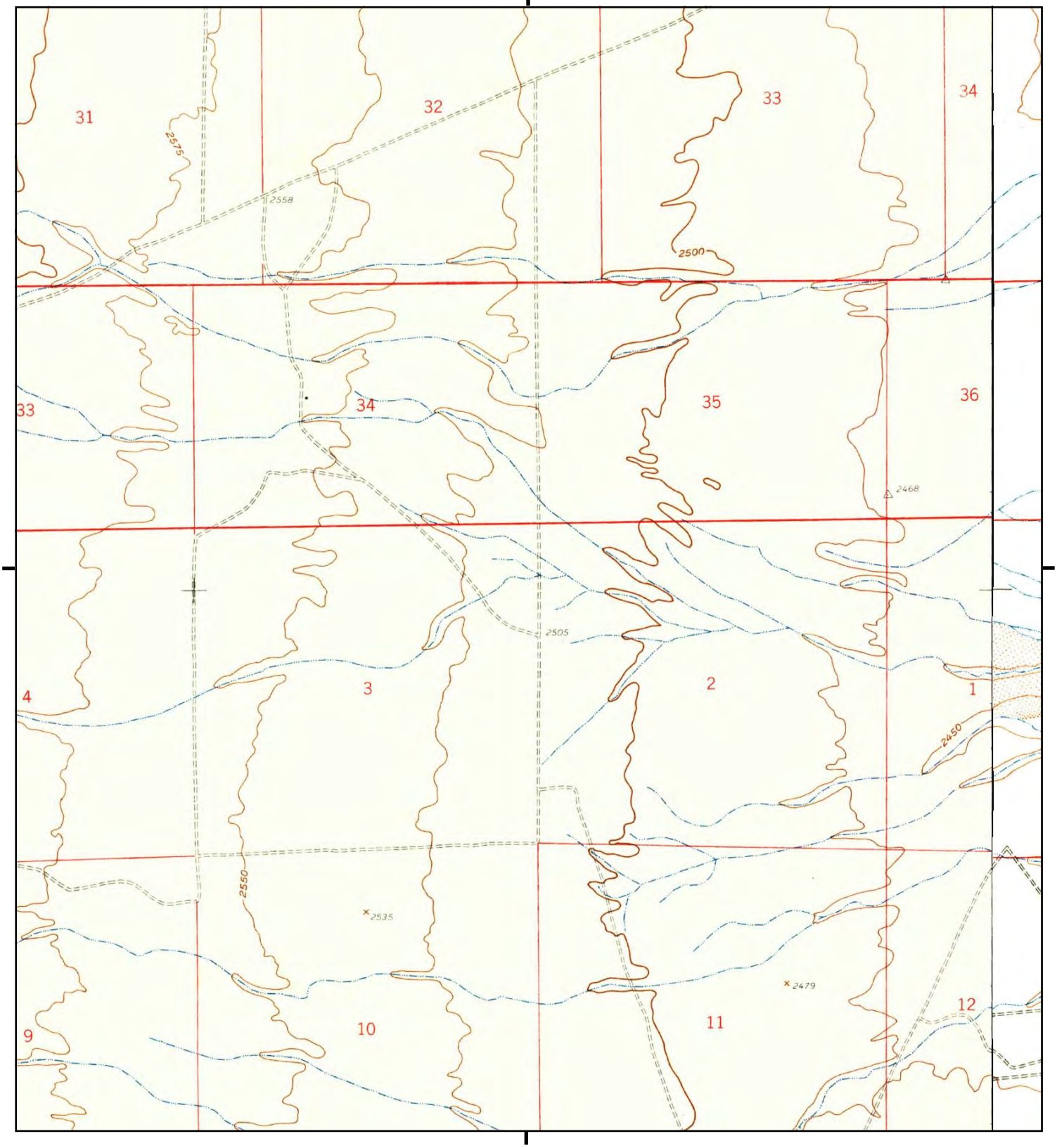
TP, Plano, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

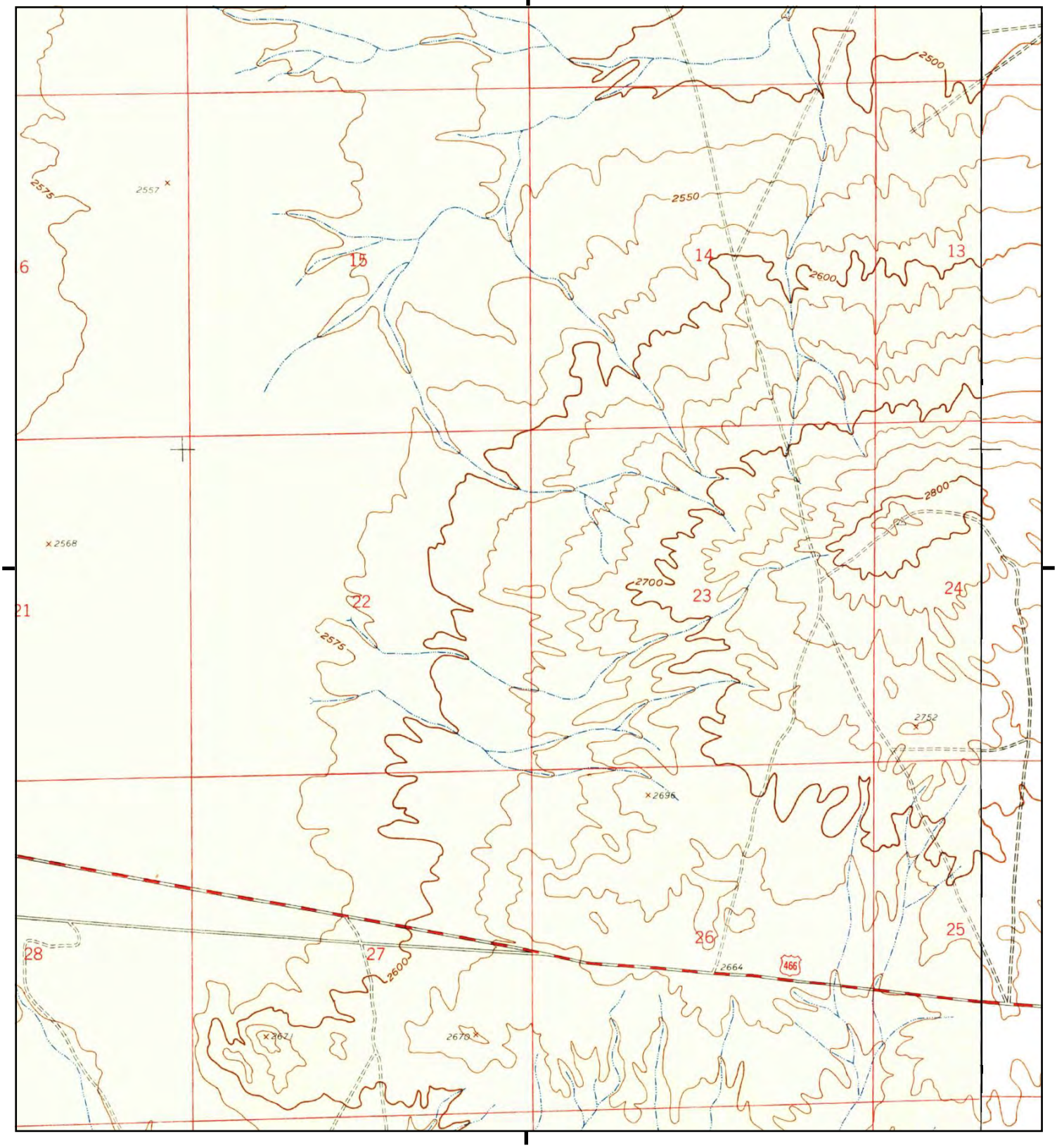
TP, Plano, 1947, 7.5-minute
E, Desert Butte, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

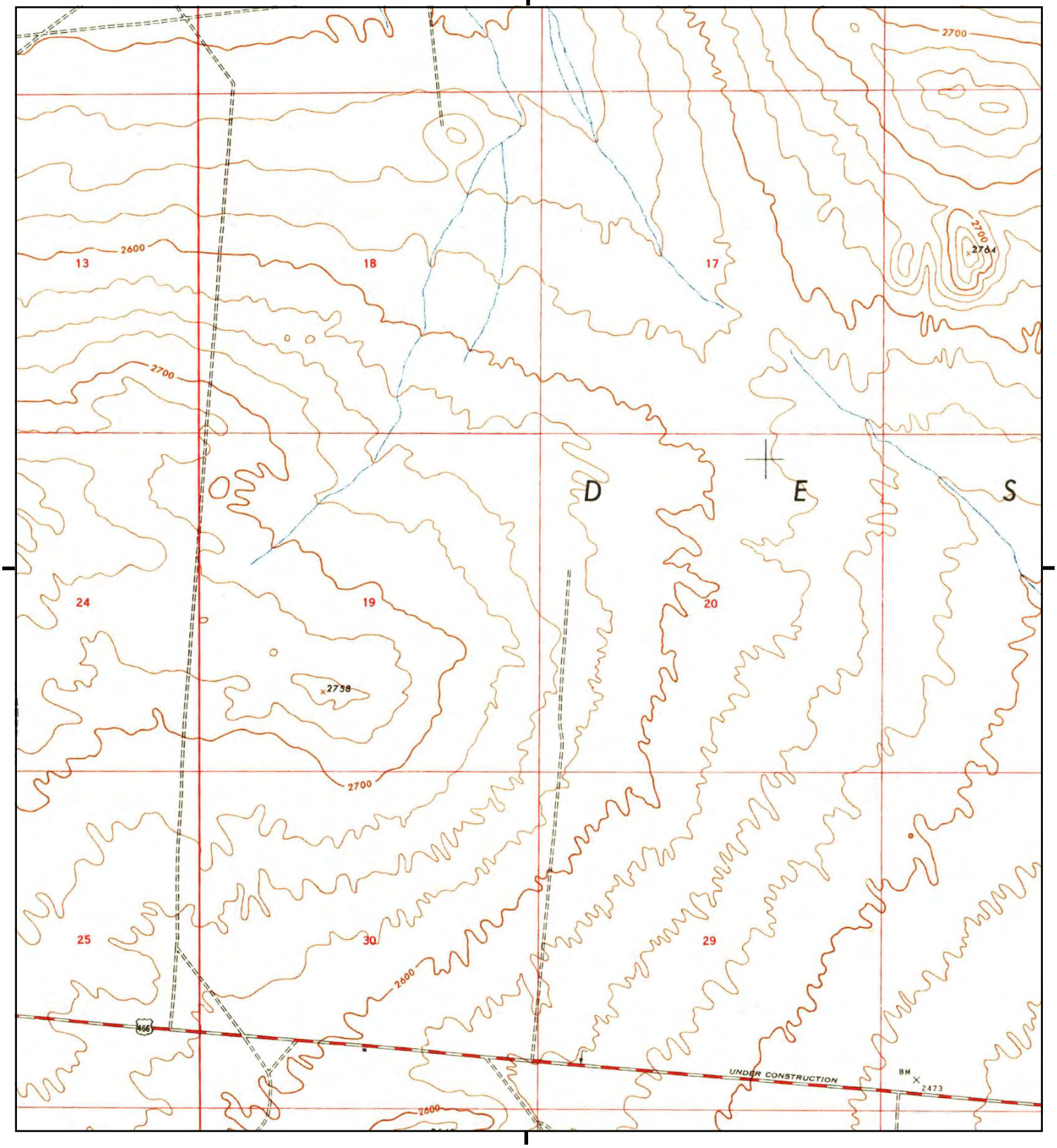
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
E, Desert Butte, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

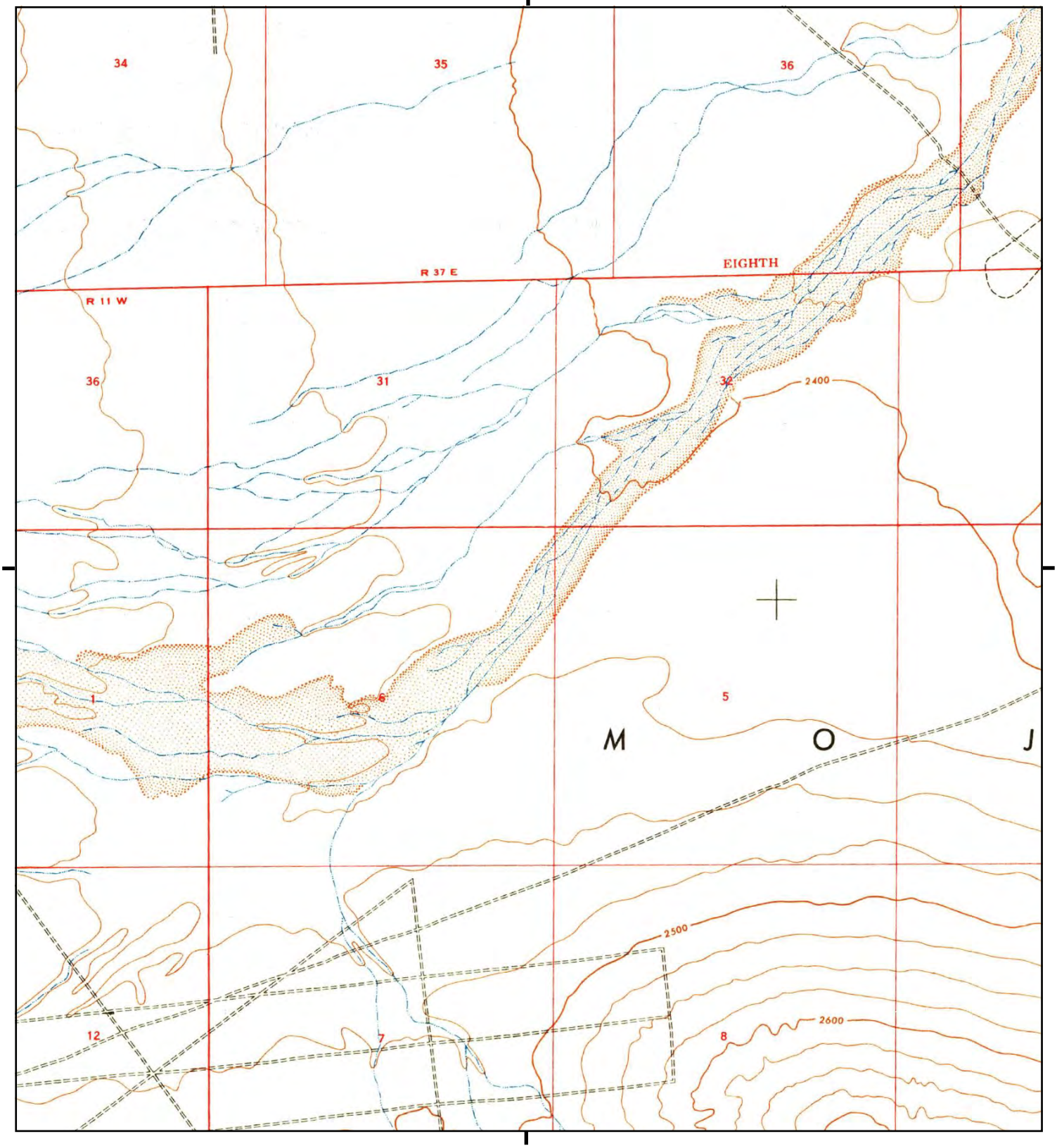
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Desert Butte, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

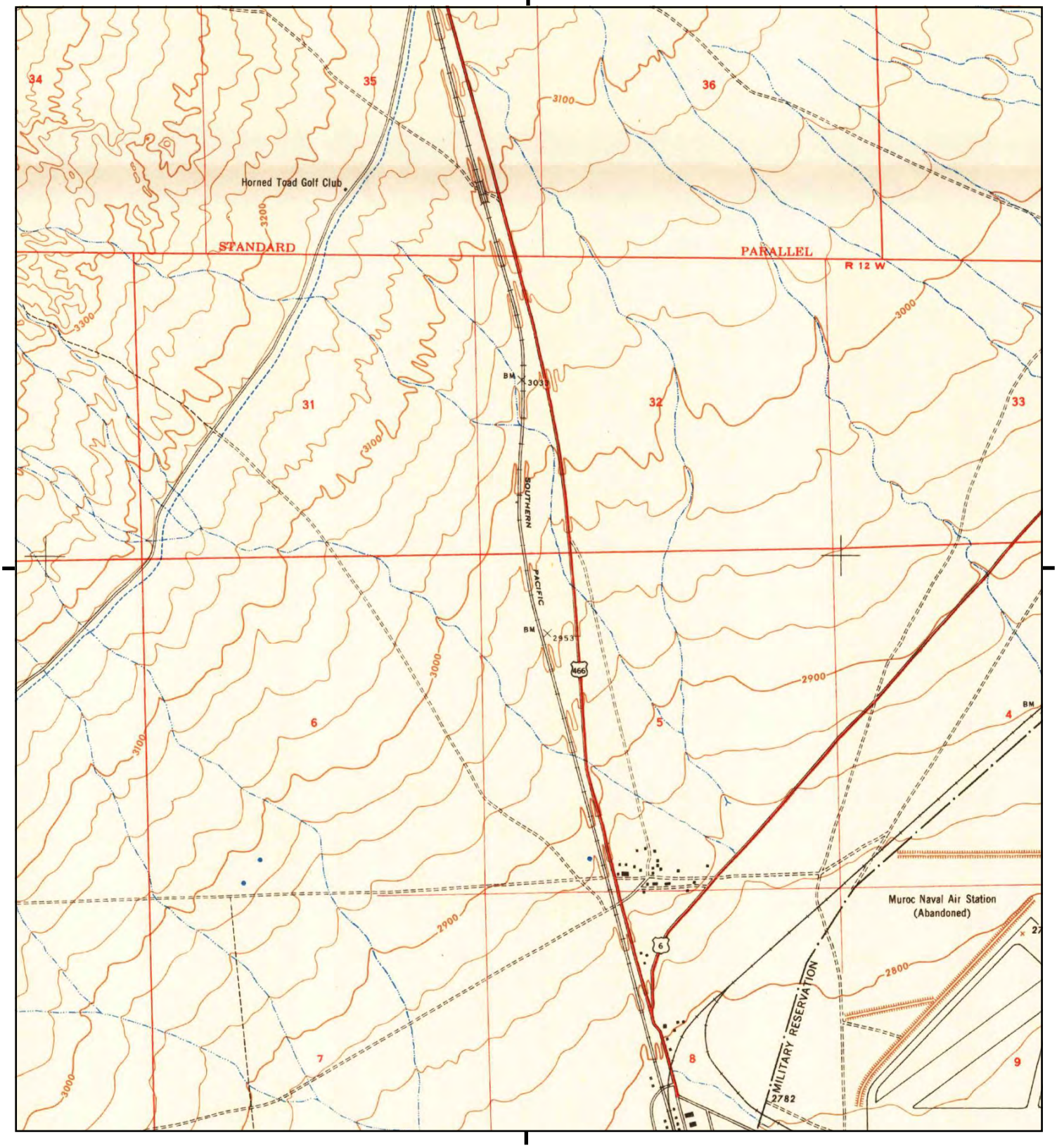
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NW N NE
W E
SW S SE

TP, Desert Butte, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

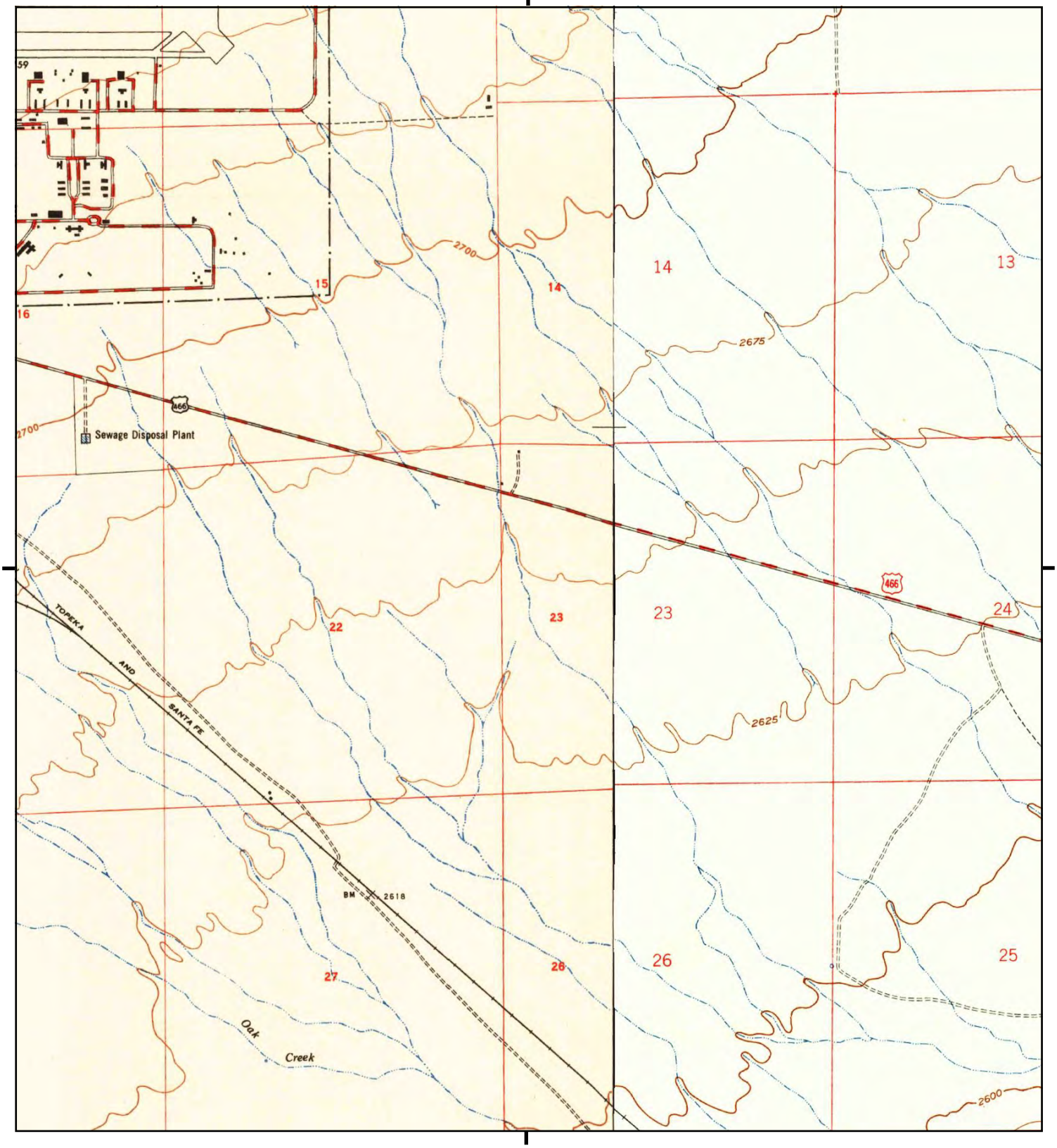
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

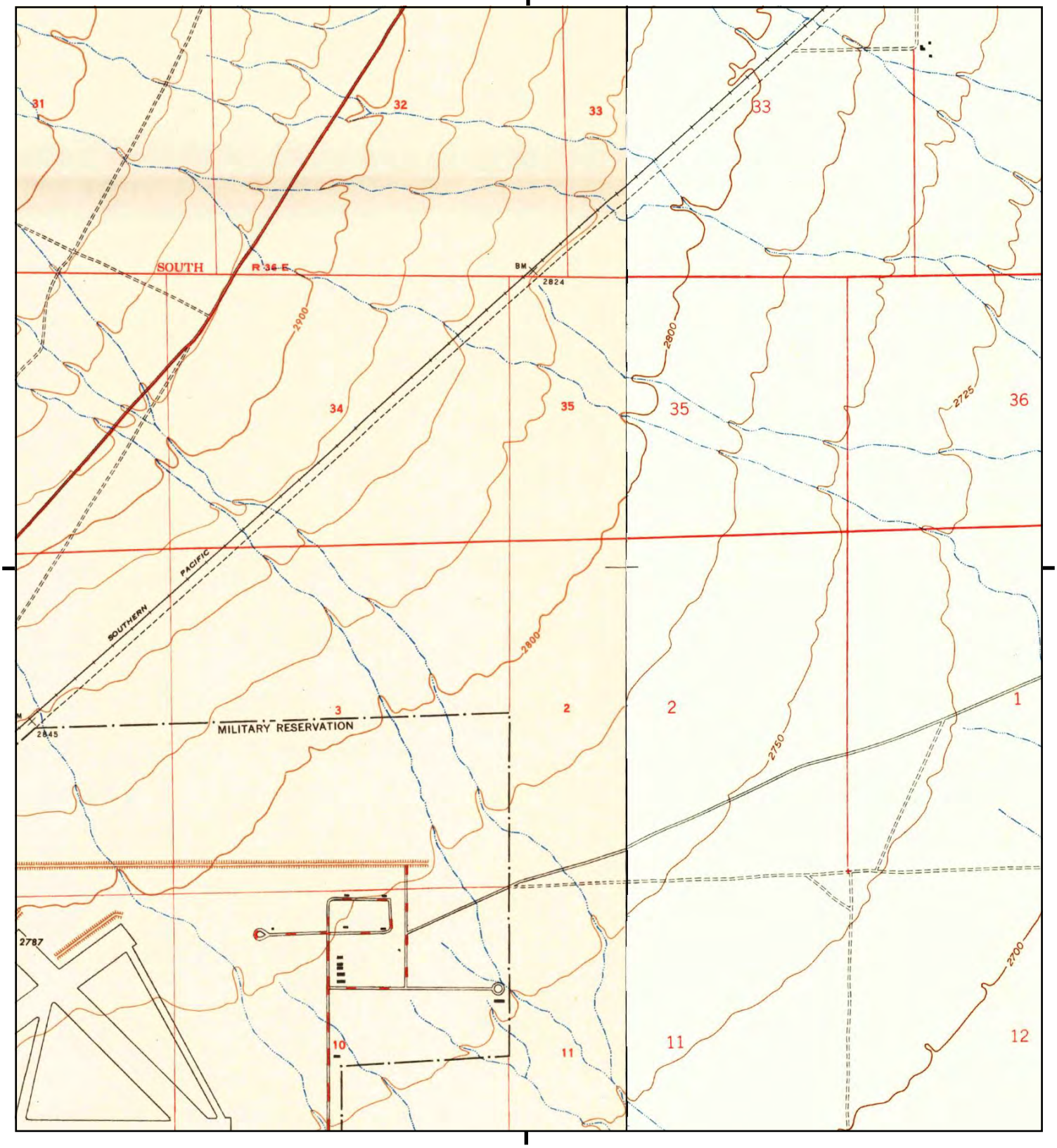
TP, Mojave, 1947, 7.5-minute
NE, Plano, 1947, 7.5-minute
NE, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

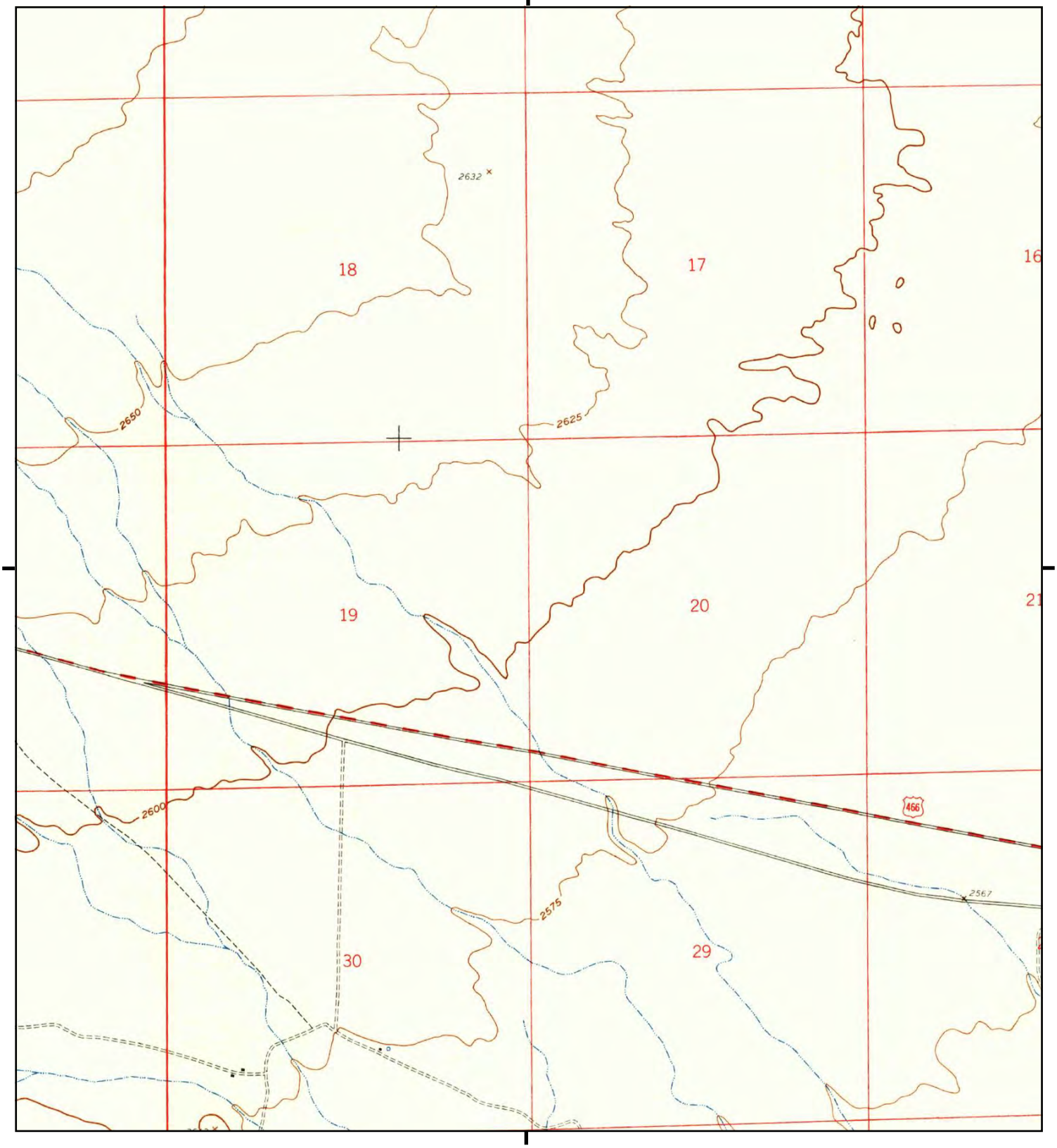
TP, Mojave, 1947, 7.5-minute
E, Plano, 1947, 7.5-minute
E, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

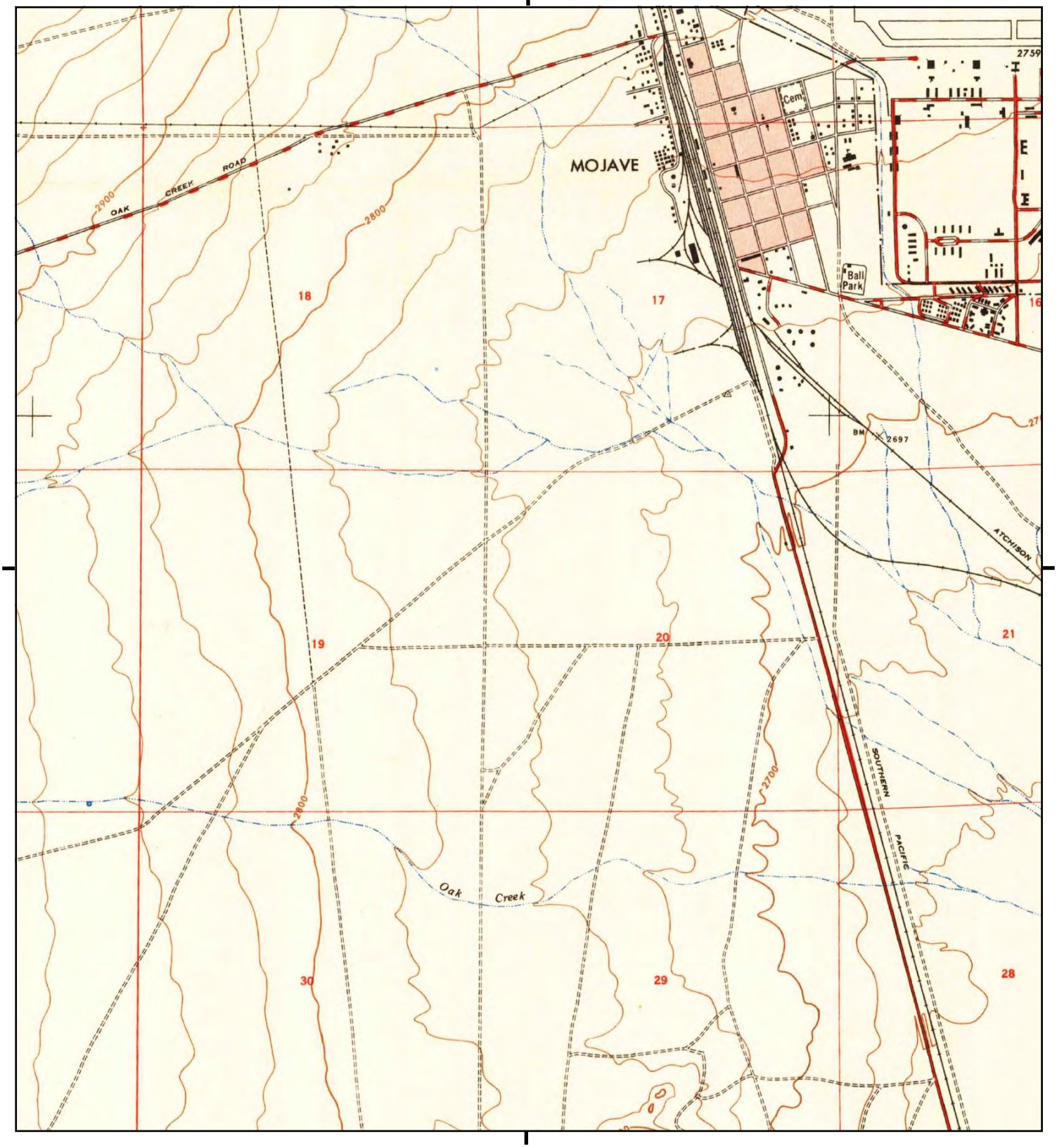
TP, Plano, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

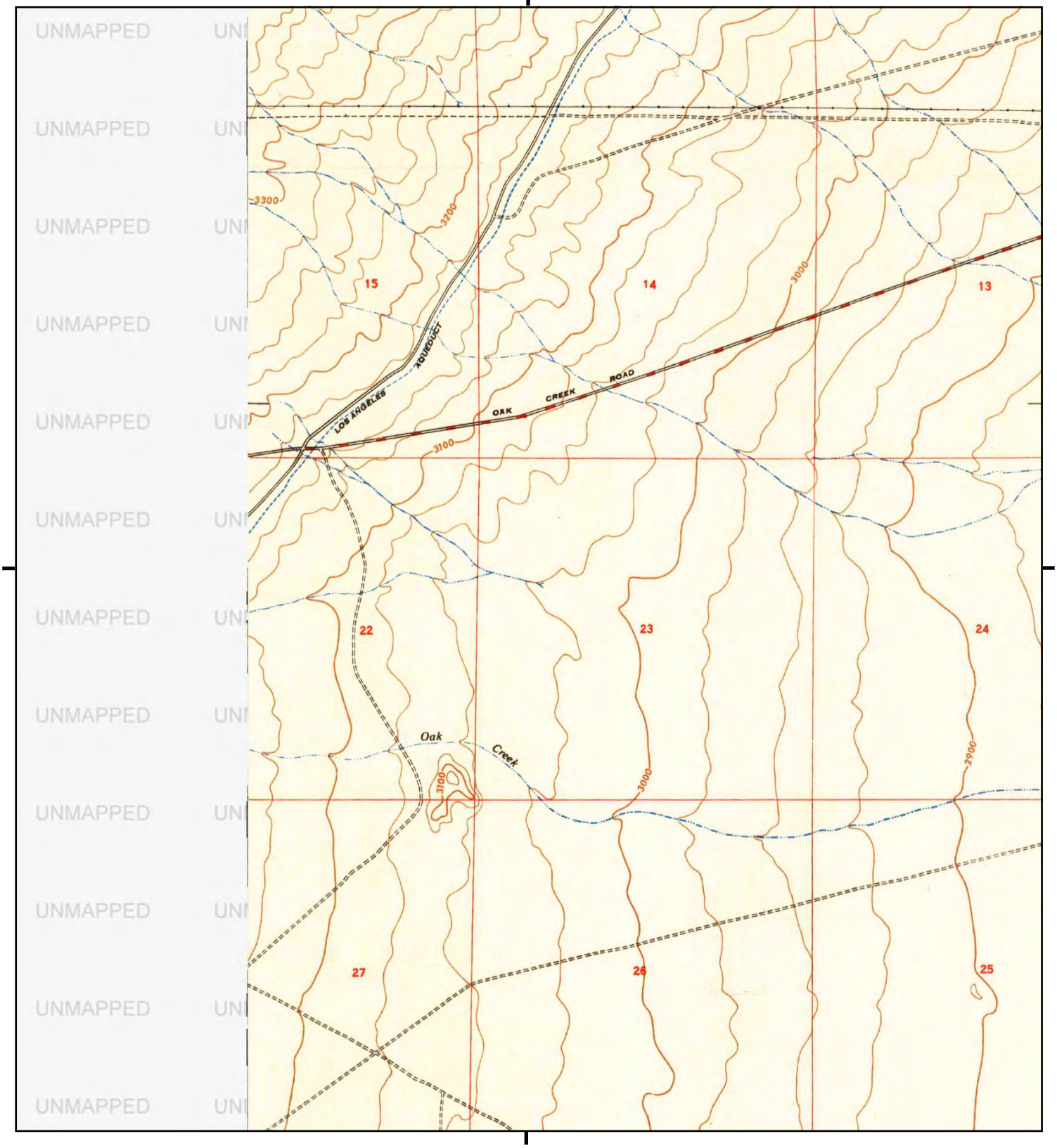
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

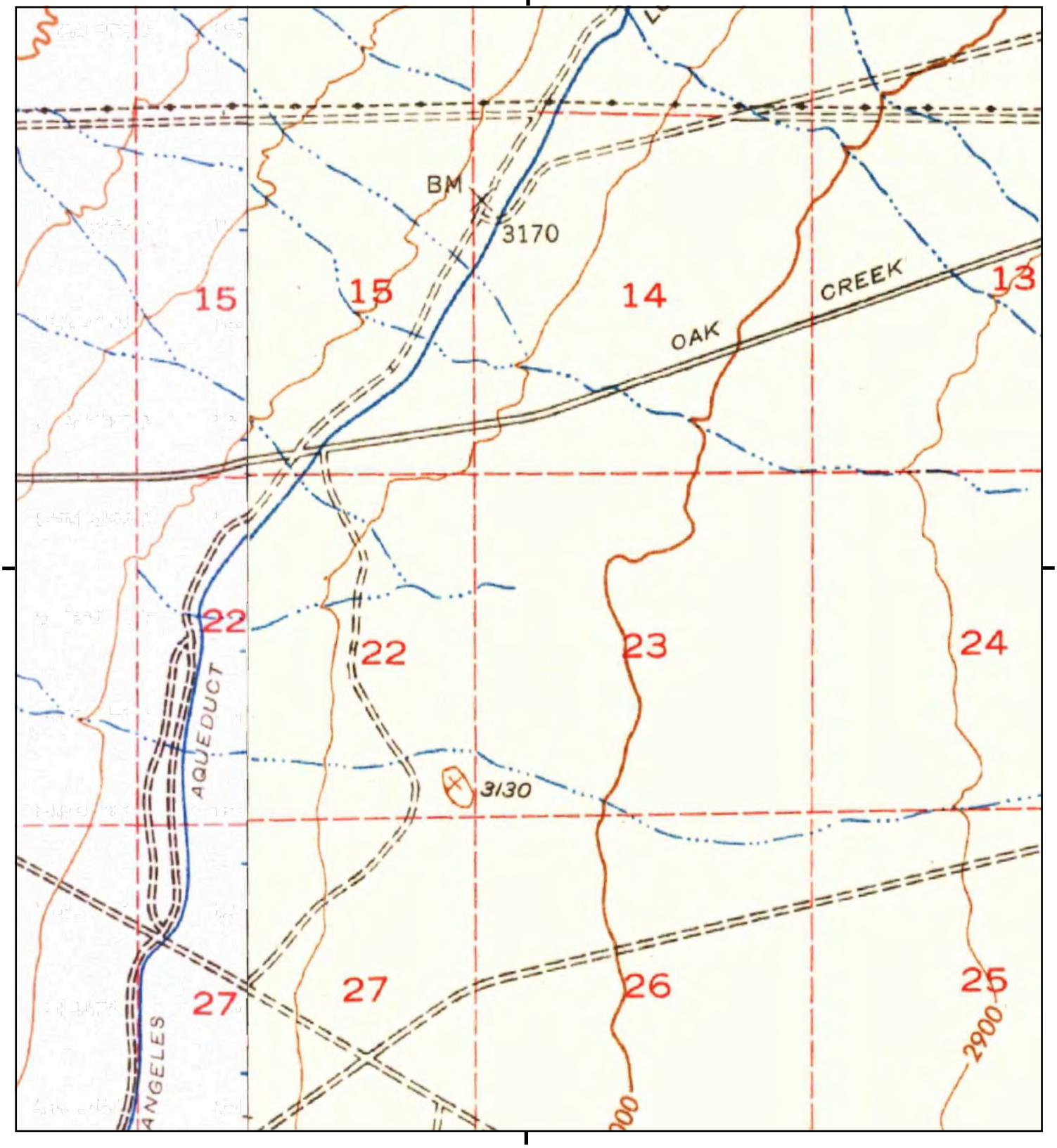
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

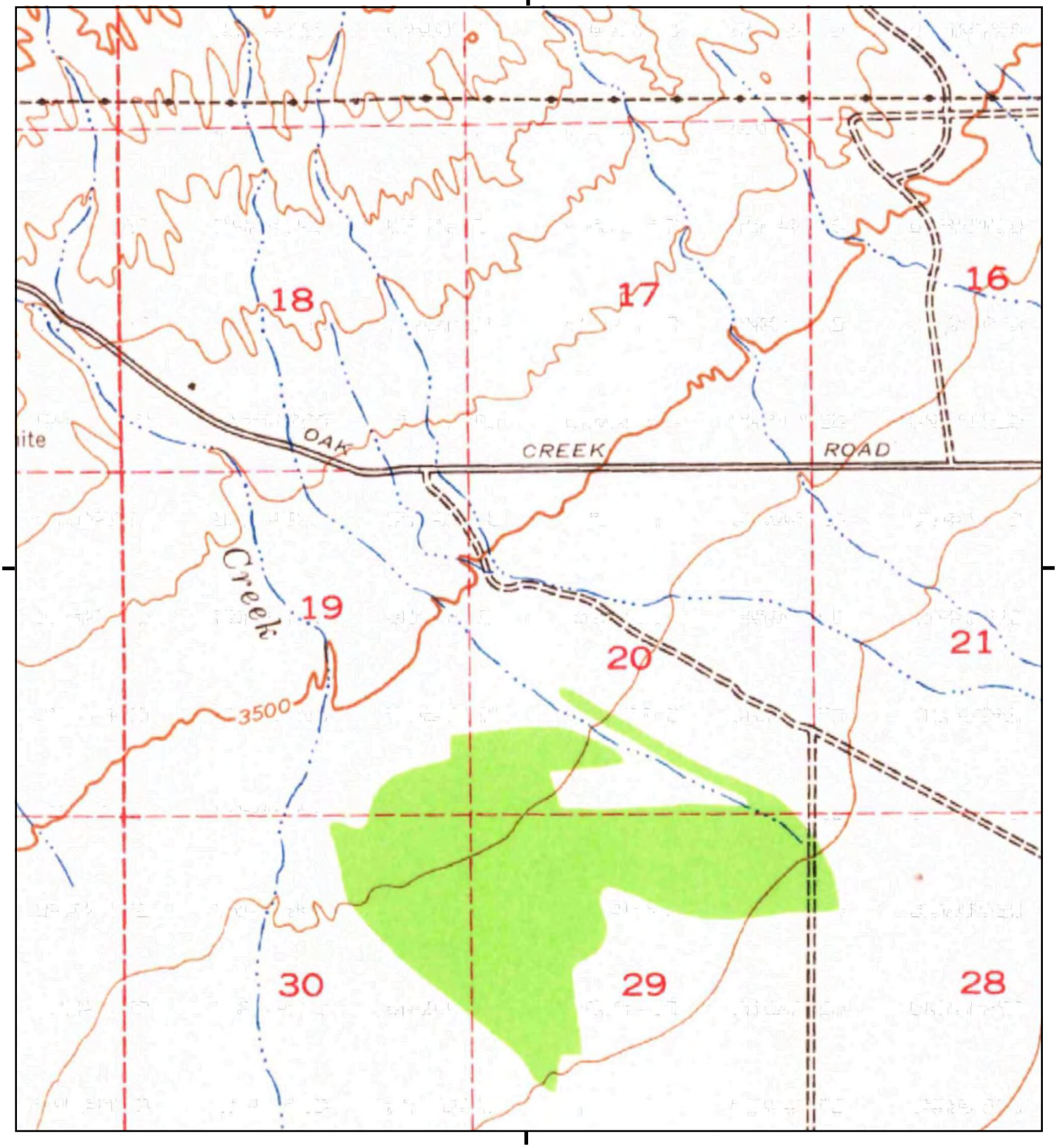
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
NW, Tehachapi, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

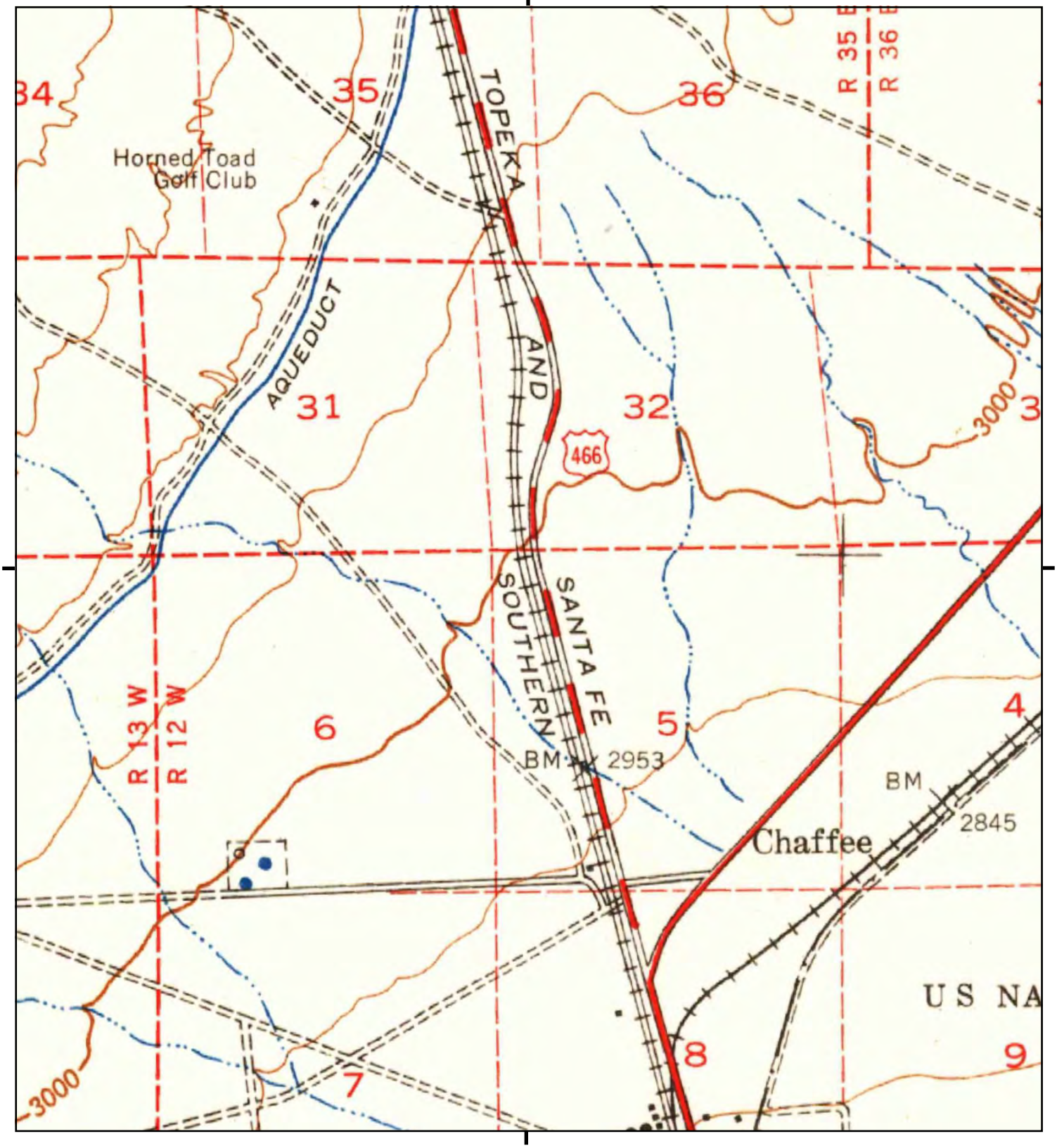
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tehachapi, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

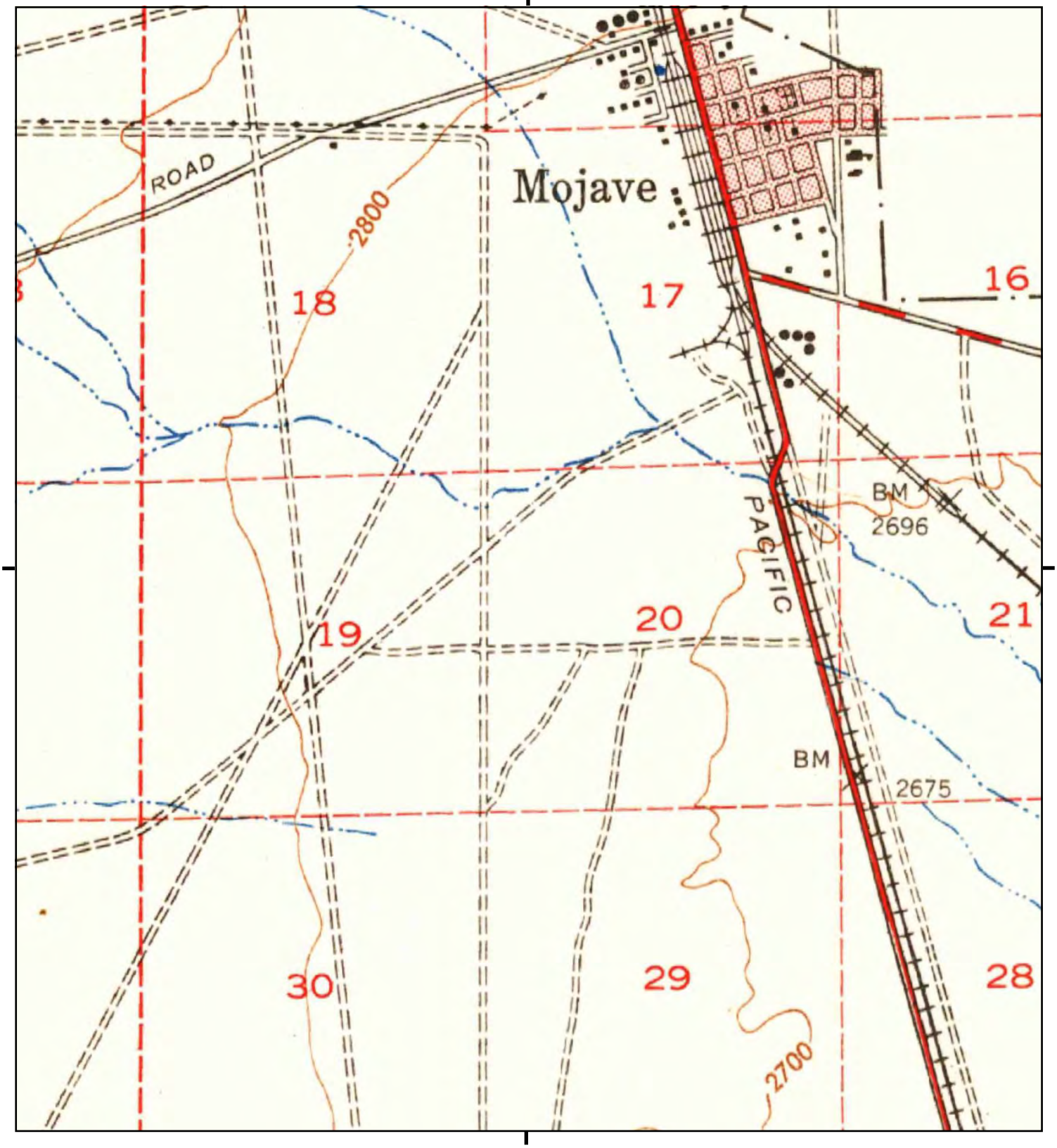
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

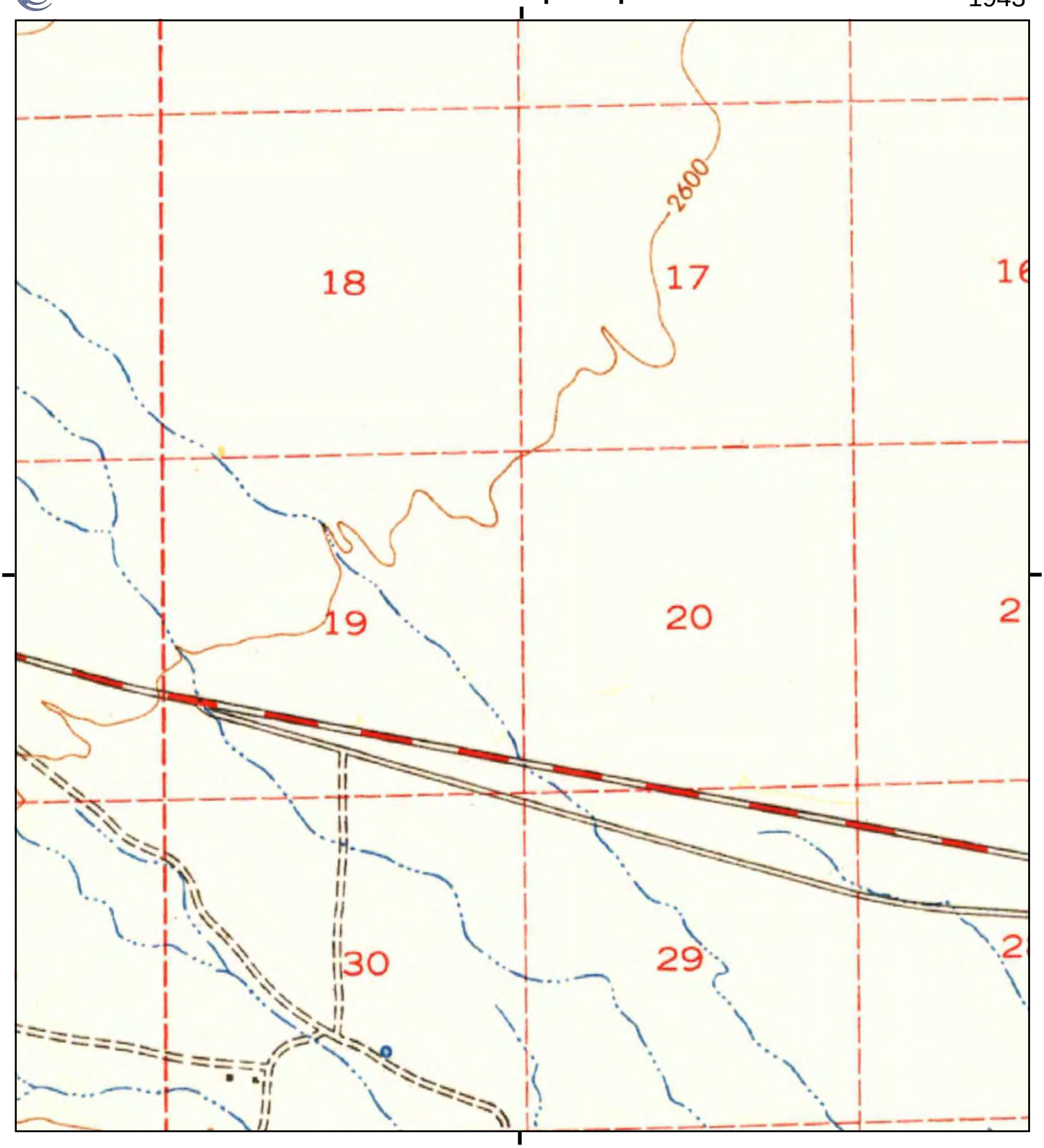
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

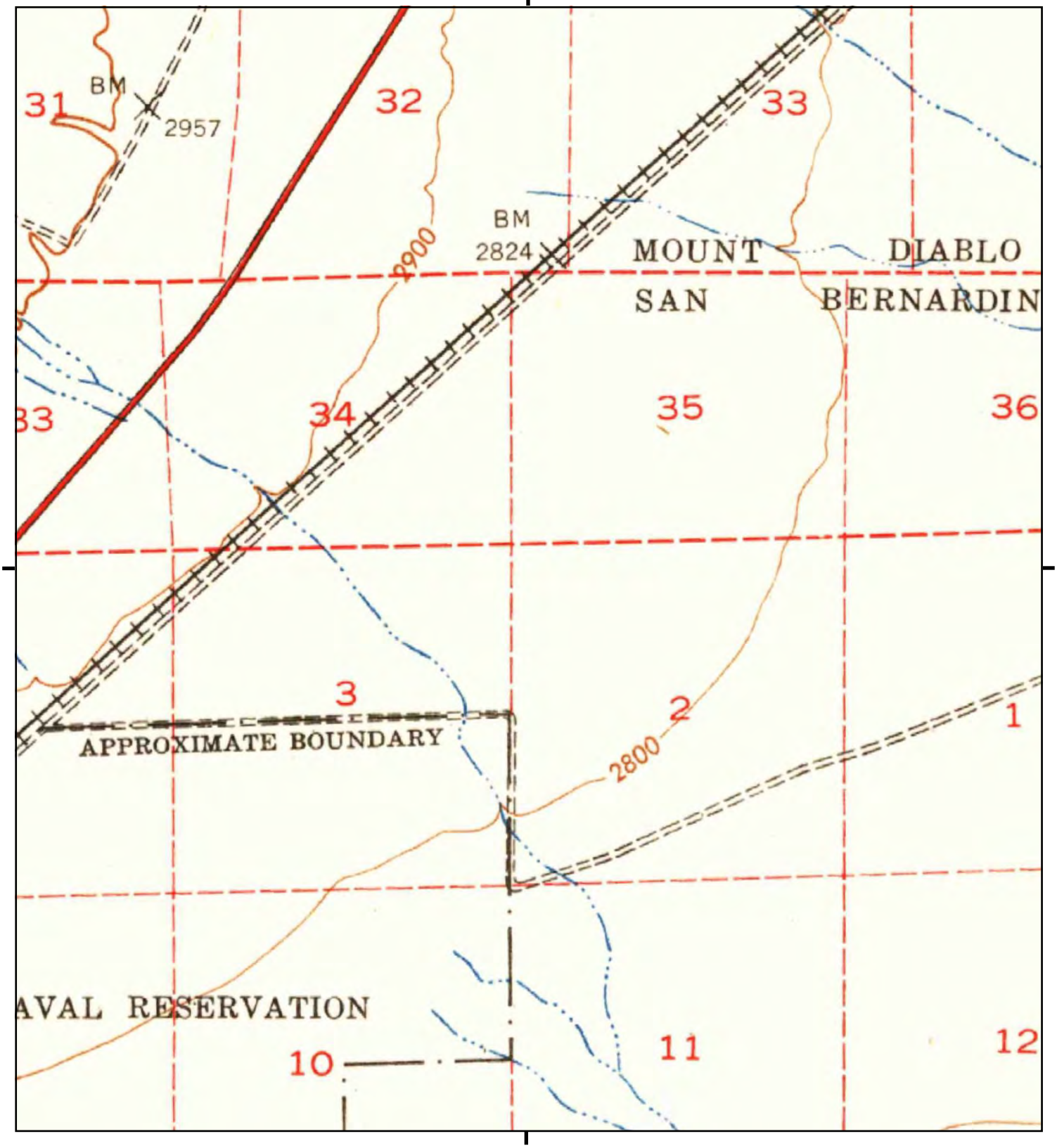
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

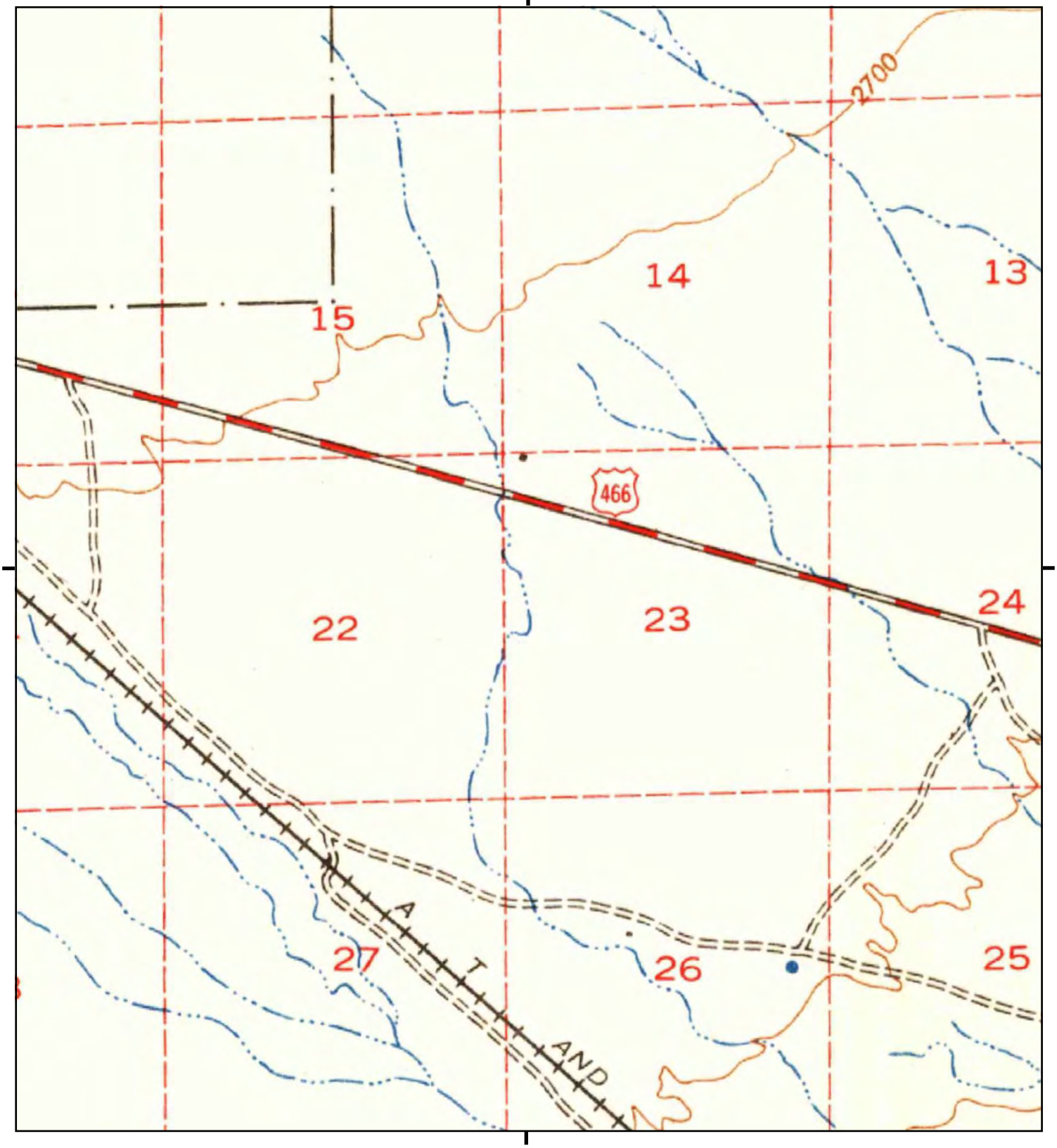
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

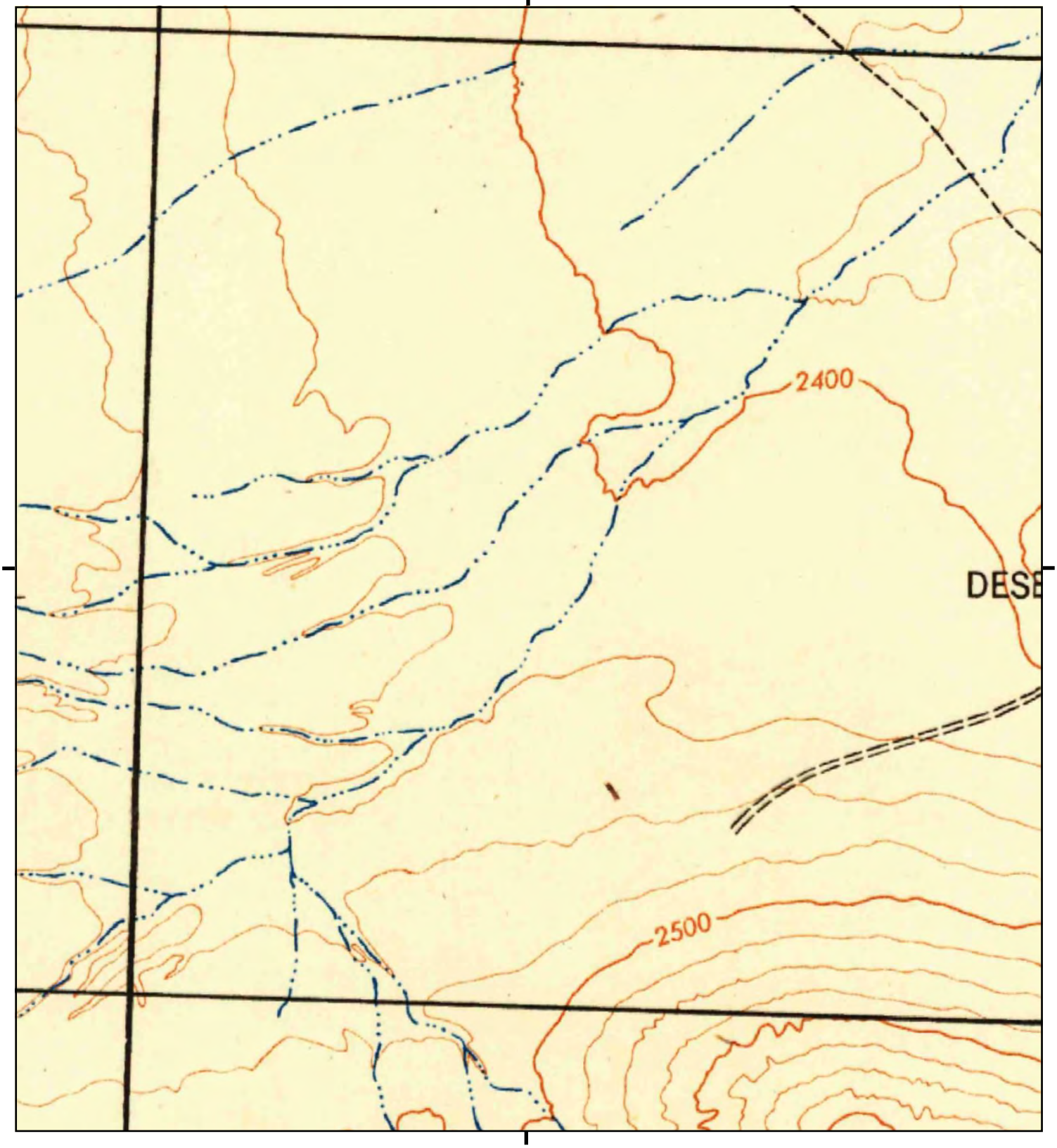
TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1943



This report includes information from the following map sheet(s).

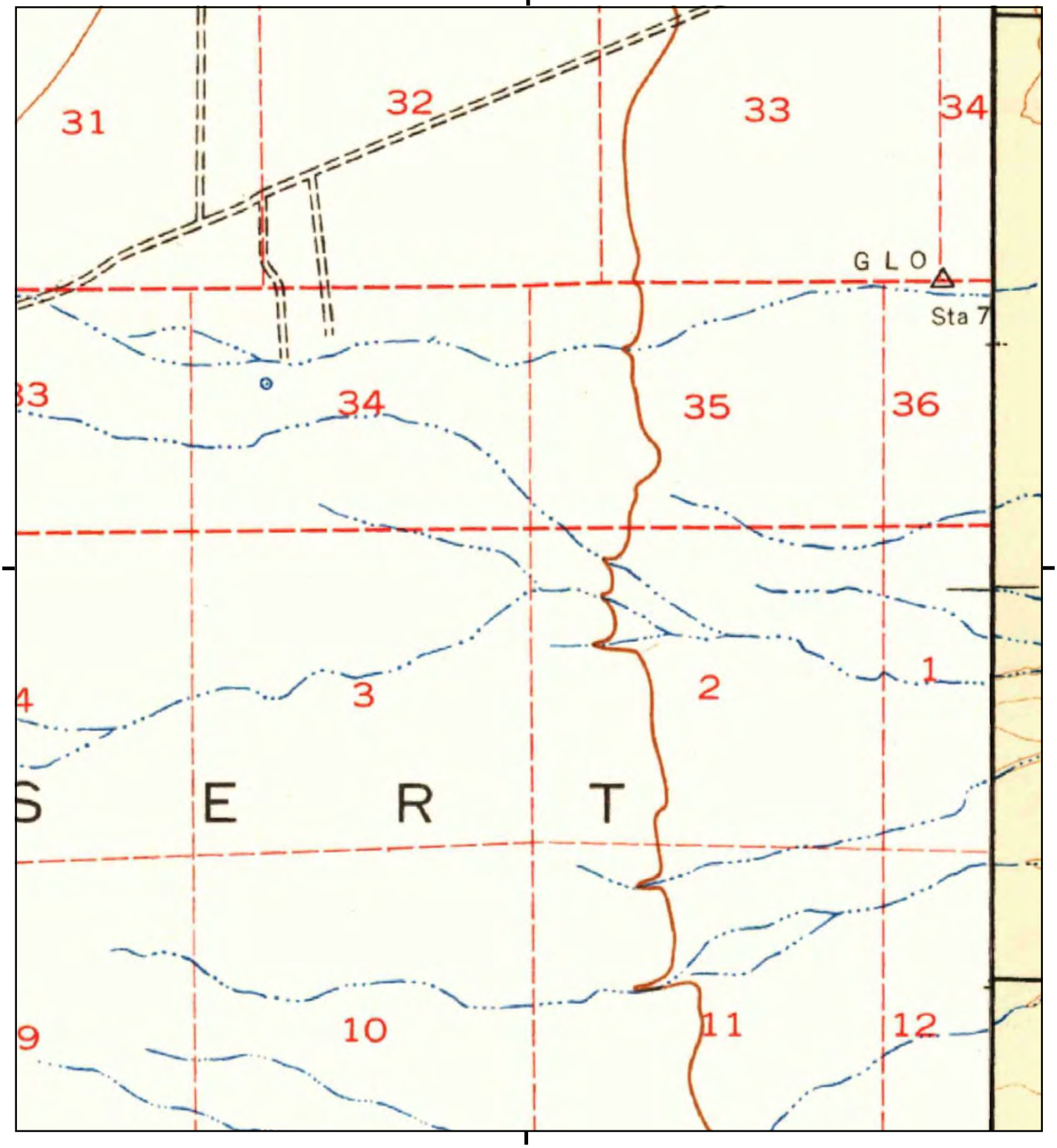
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Castle Butte, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

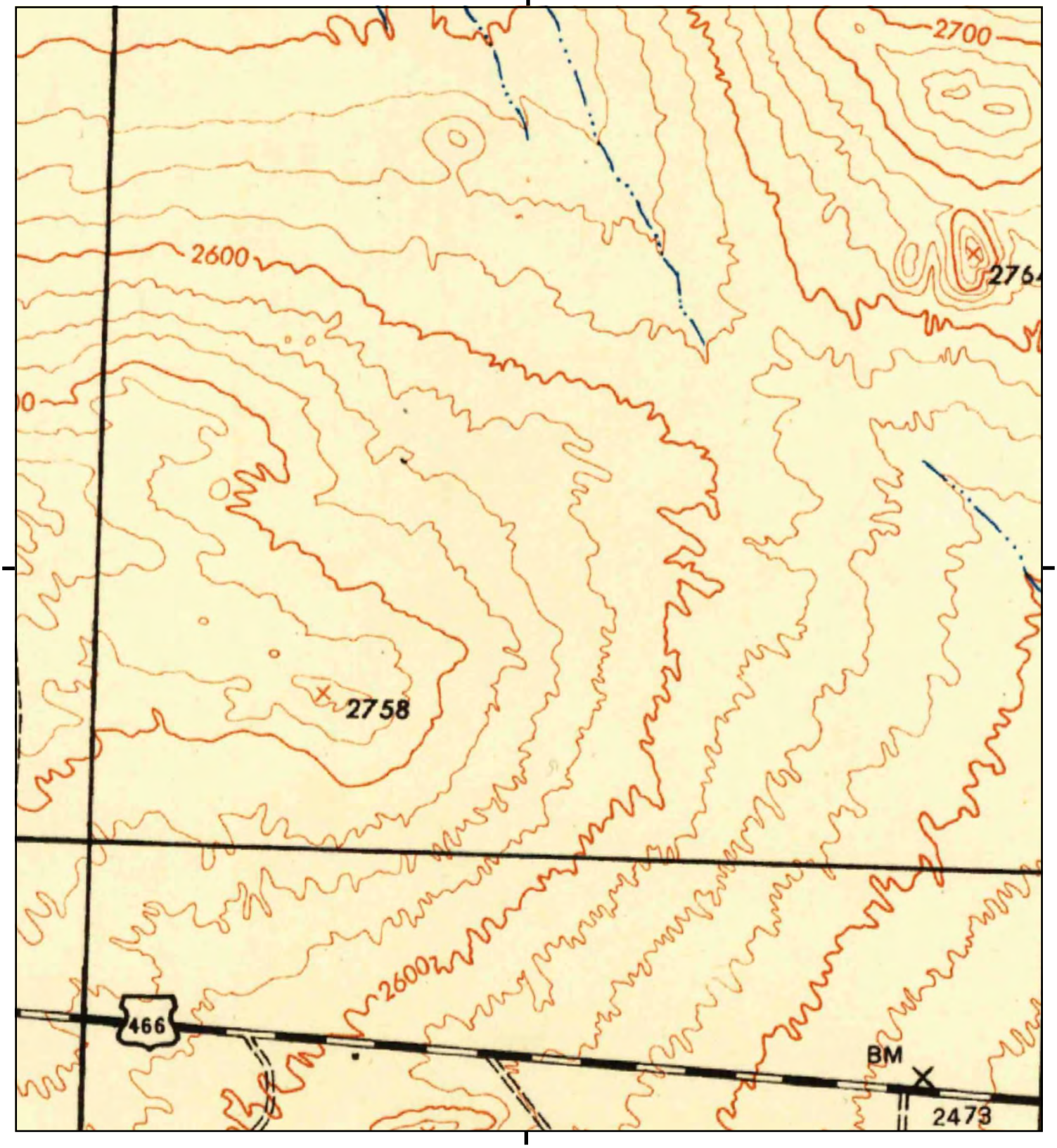
TP, Mojave, 1943, 15-minute
E, Castle Butte, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1943



This report includes information from the following map sheet(s).

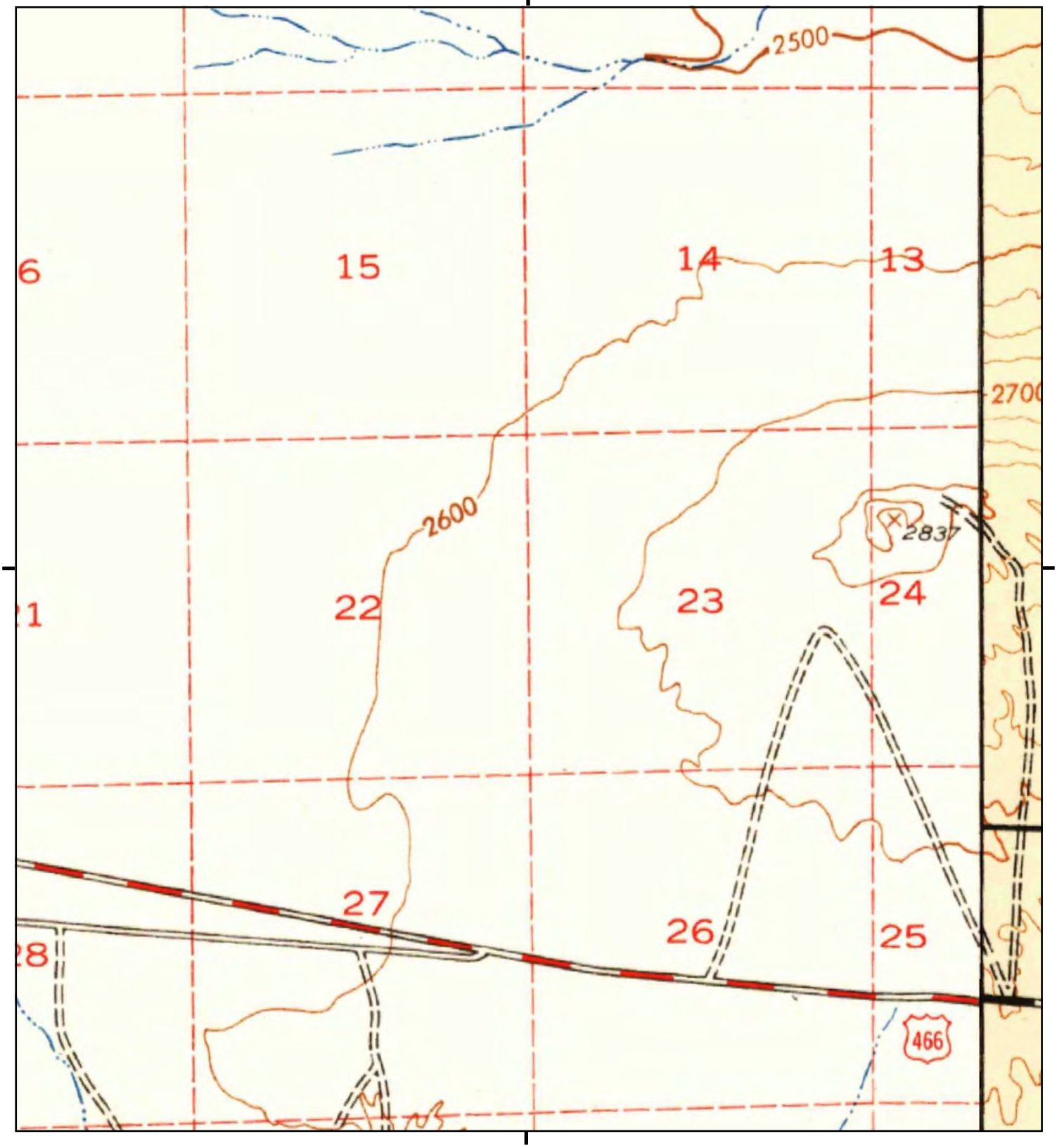
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Castle Butte, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

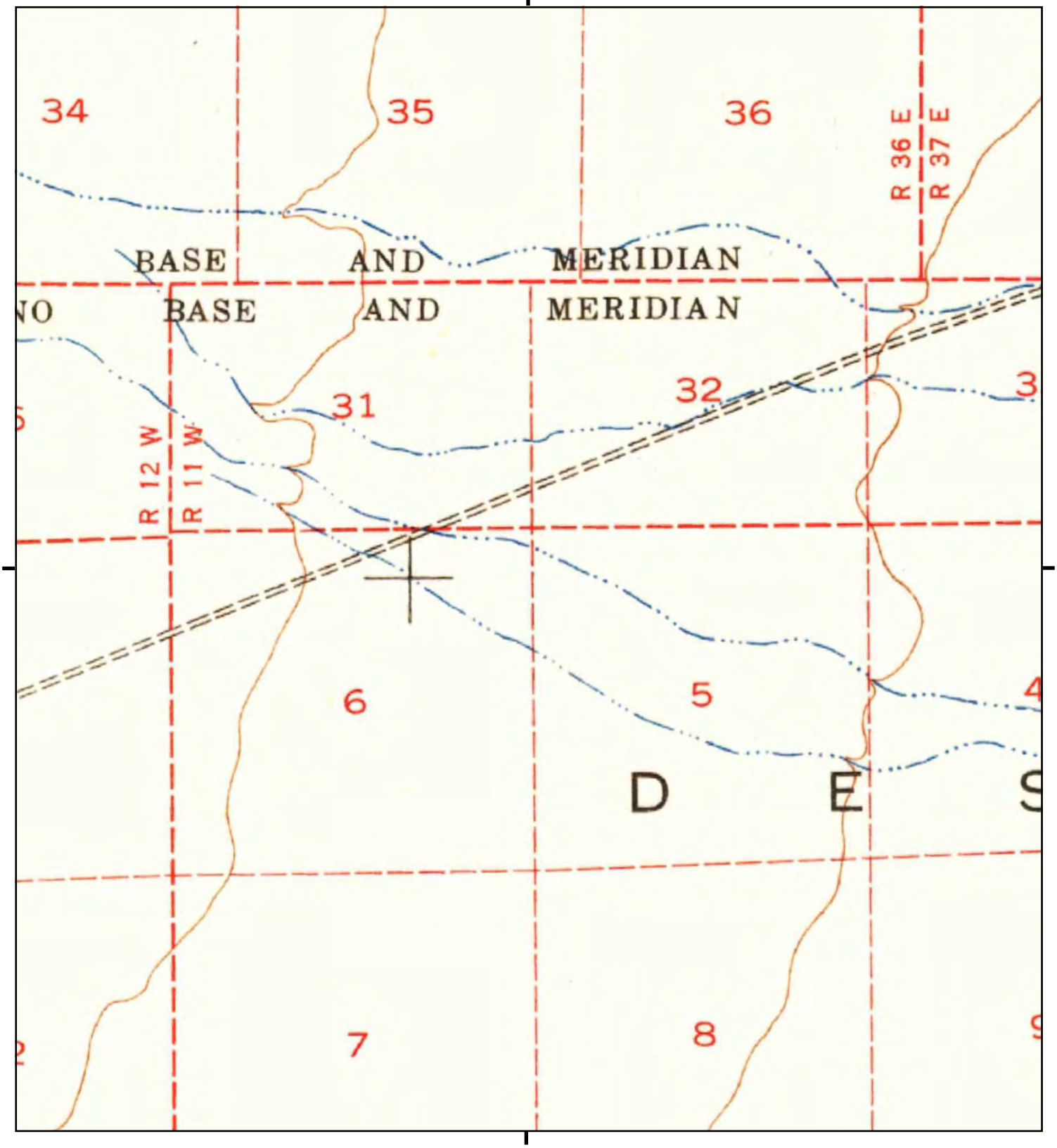
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
NE, Castle Butte, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

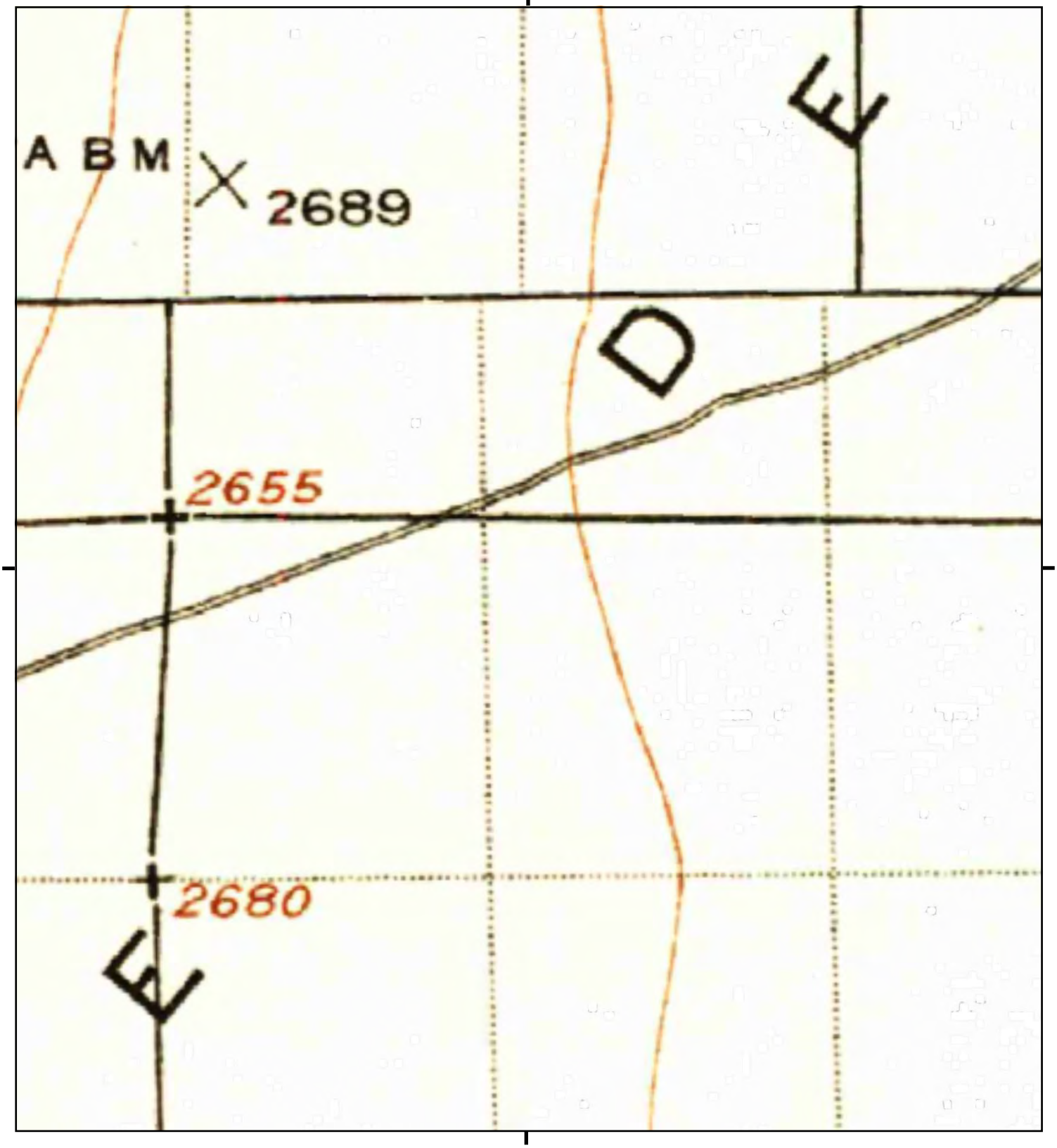
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

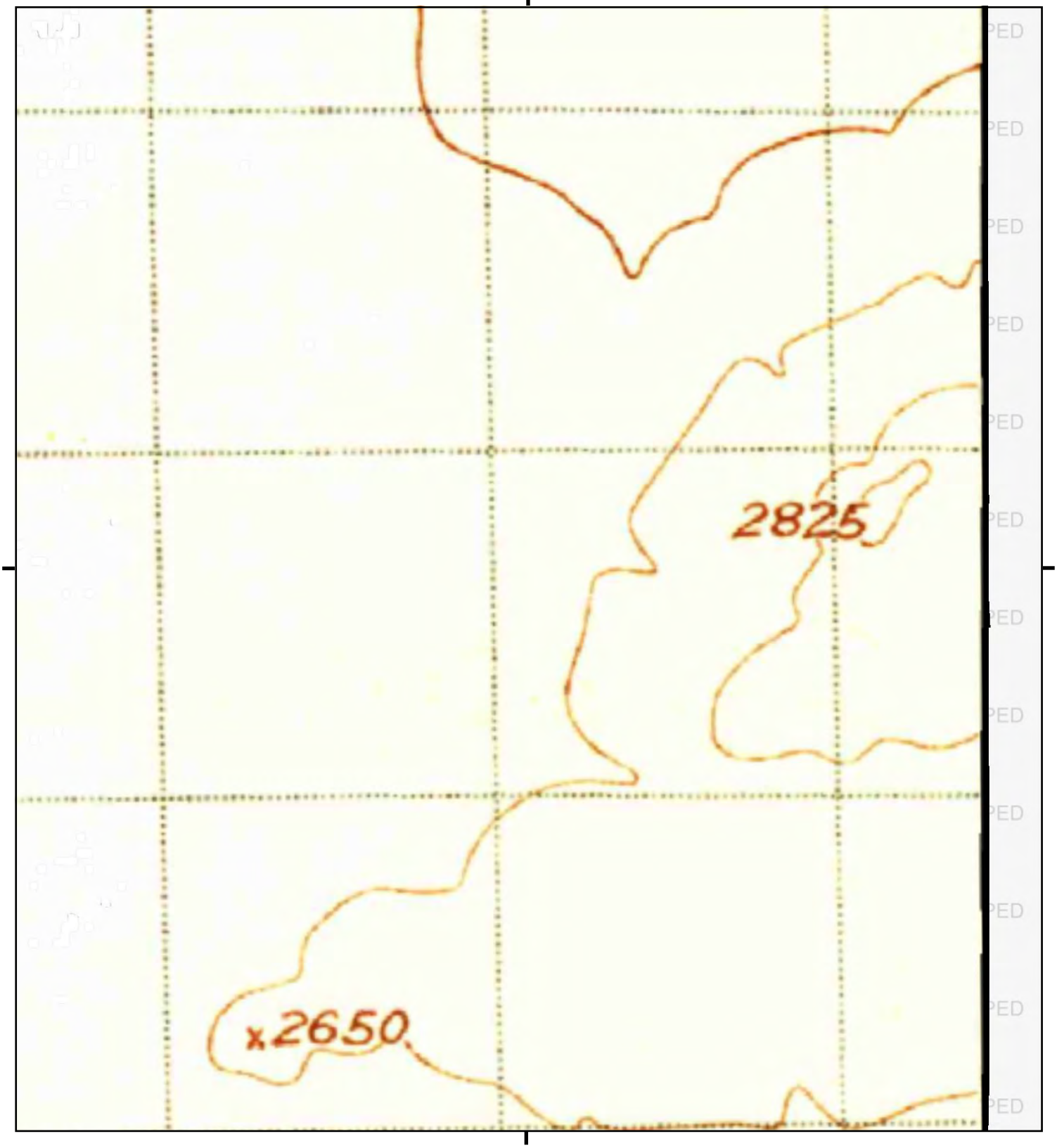
TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1915



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

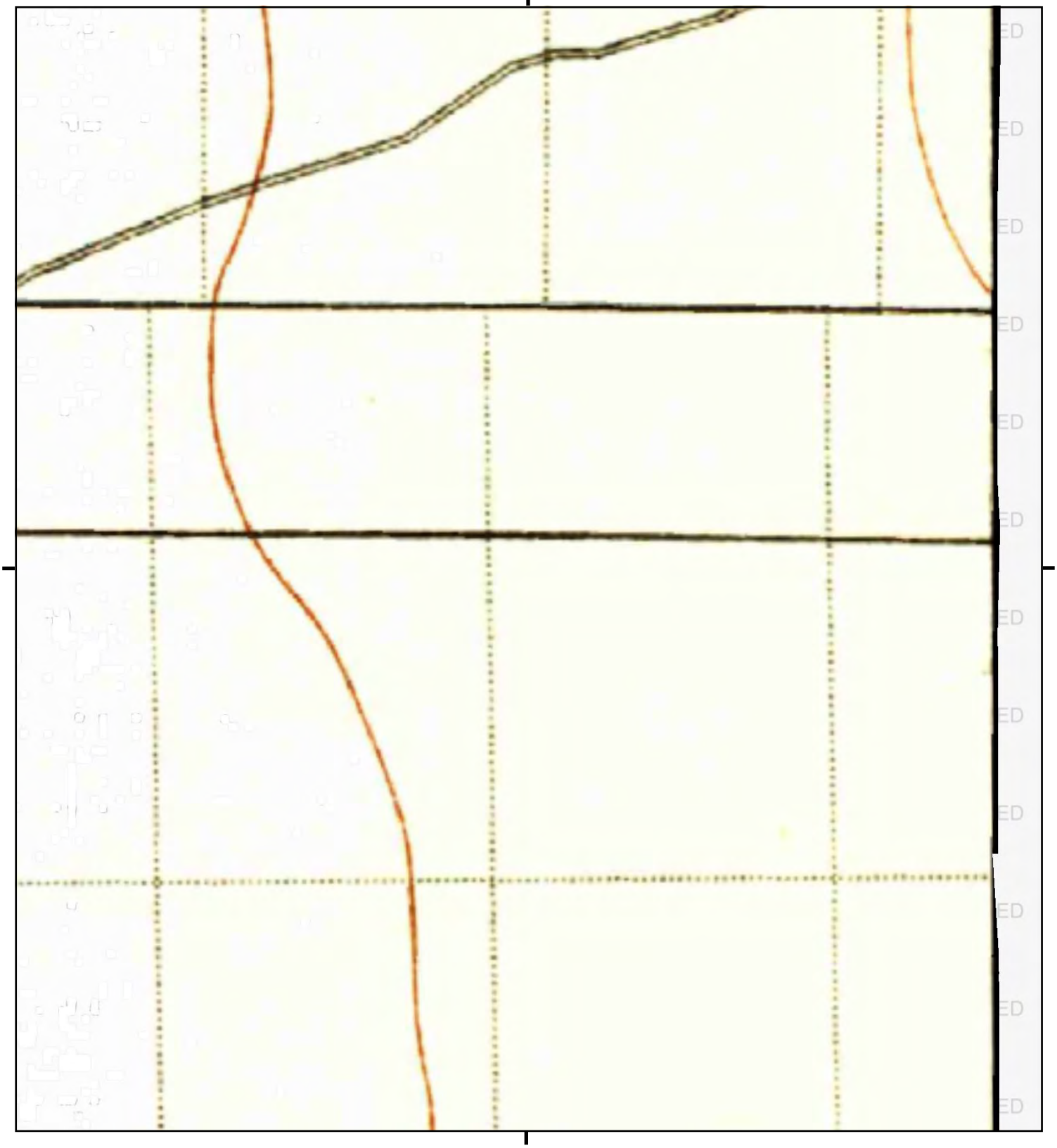
TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

1915



This report includes information from the following map sheet(s).

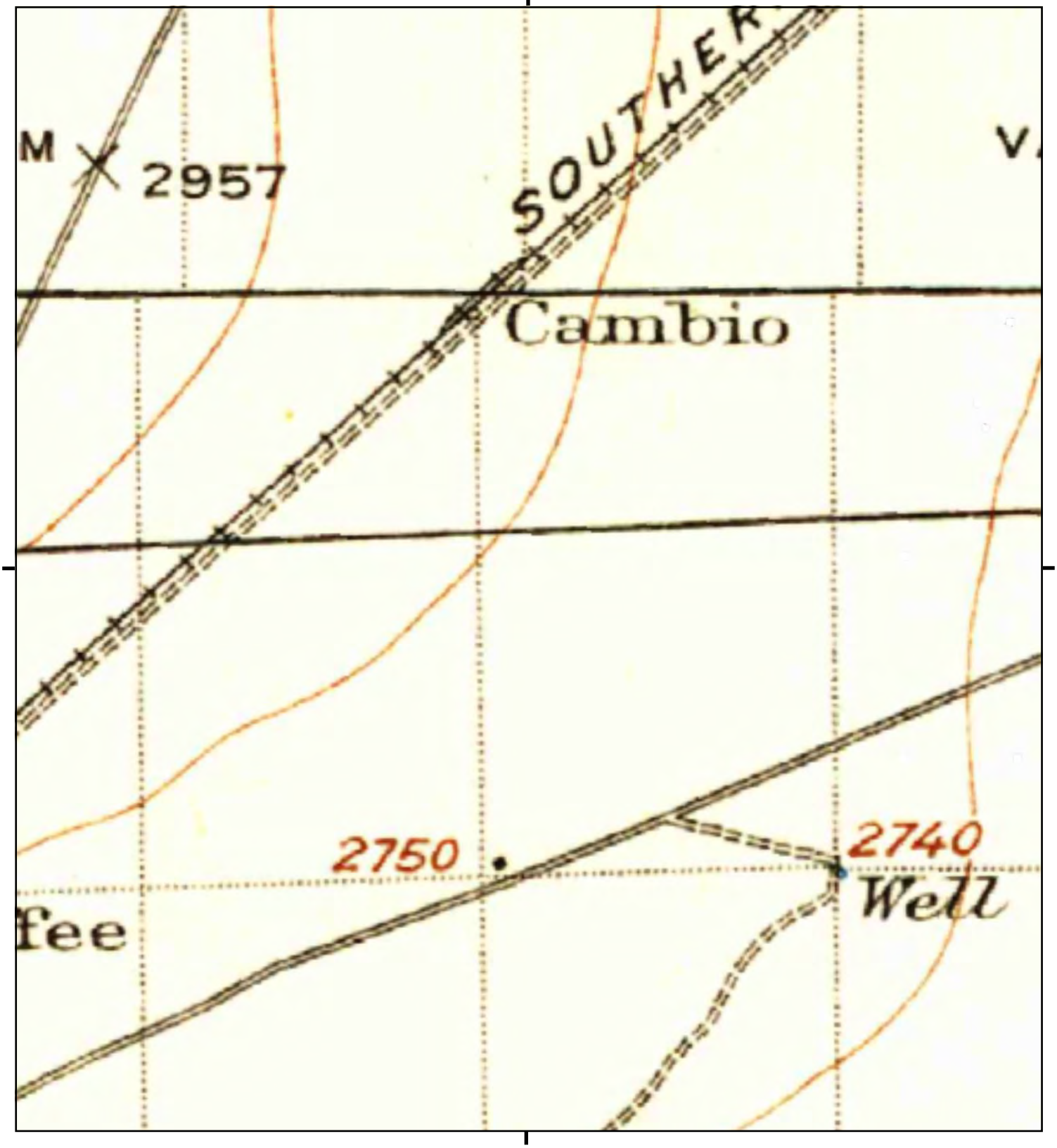
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

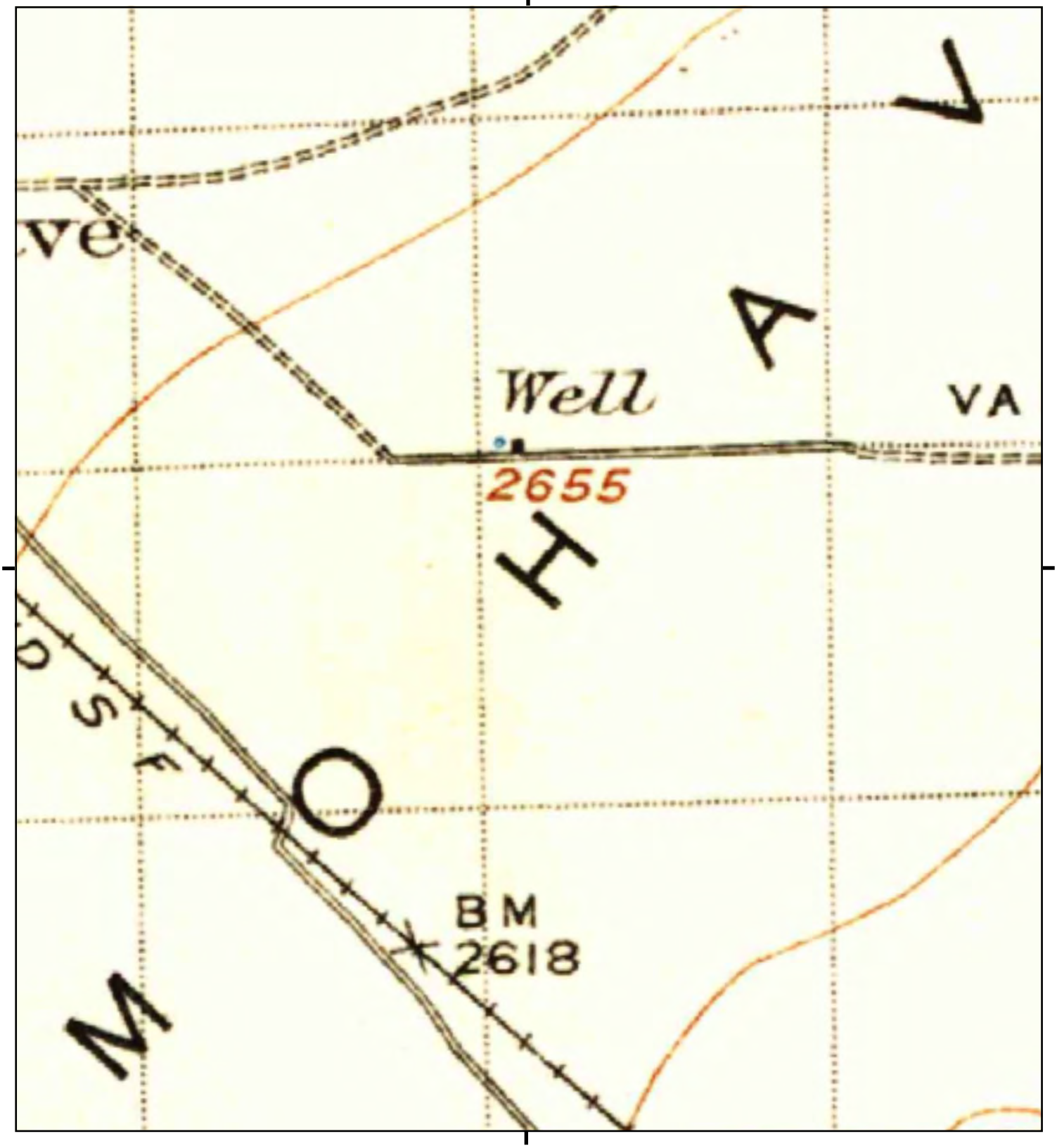
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

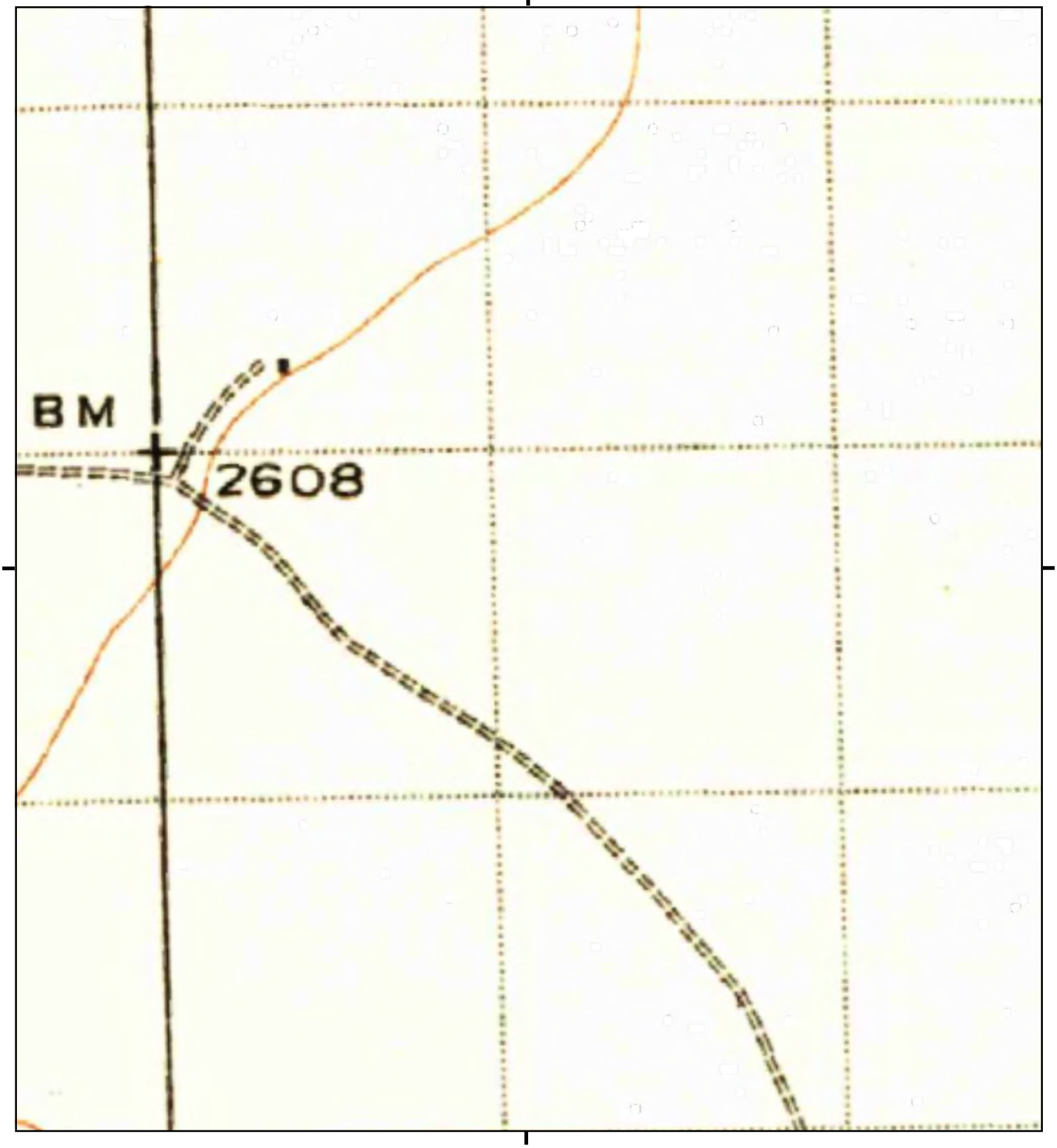
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

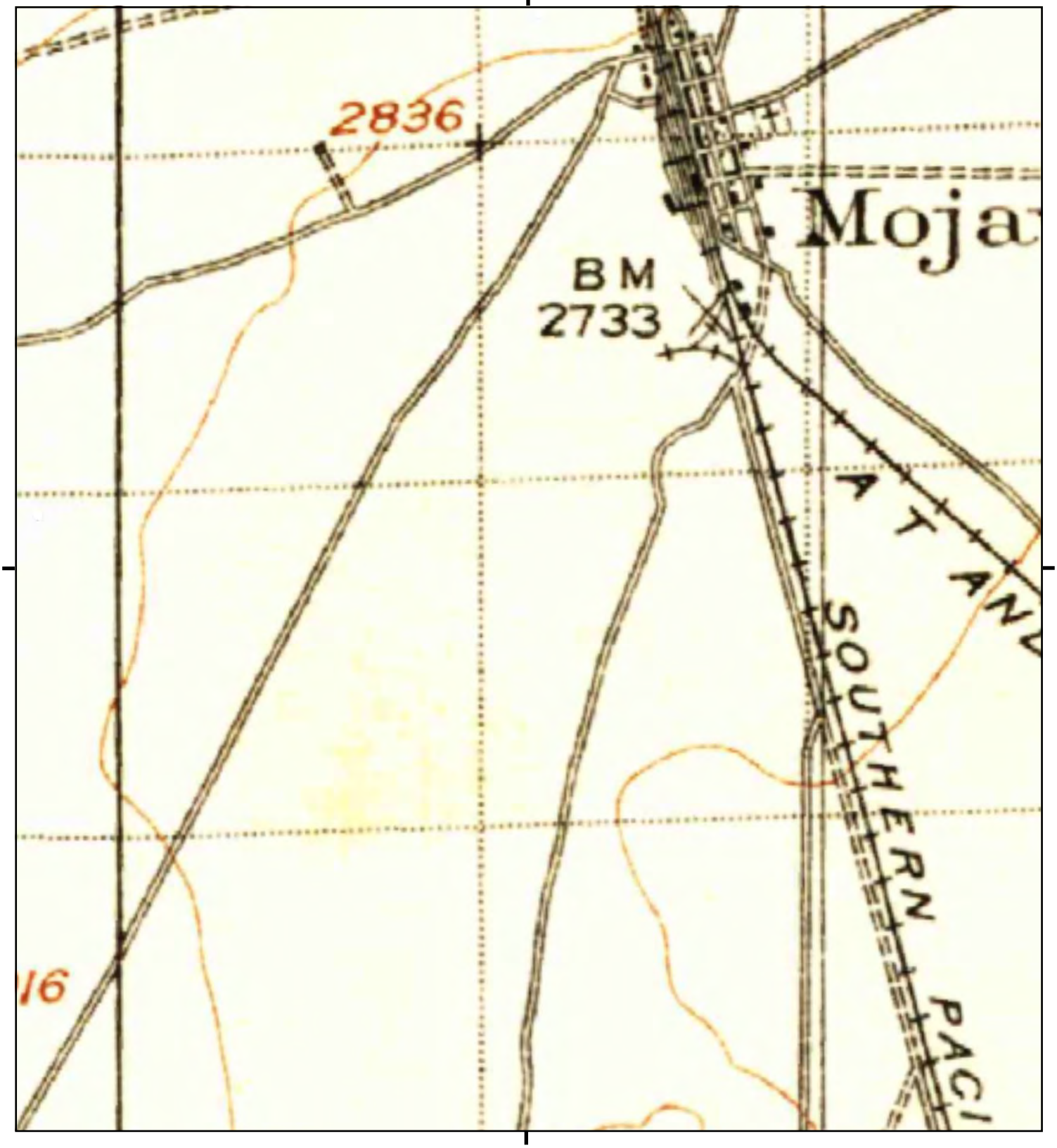
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

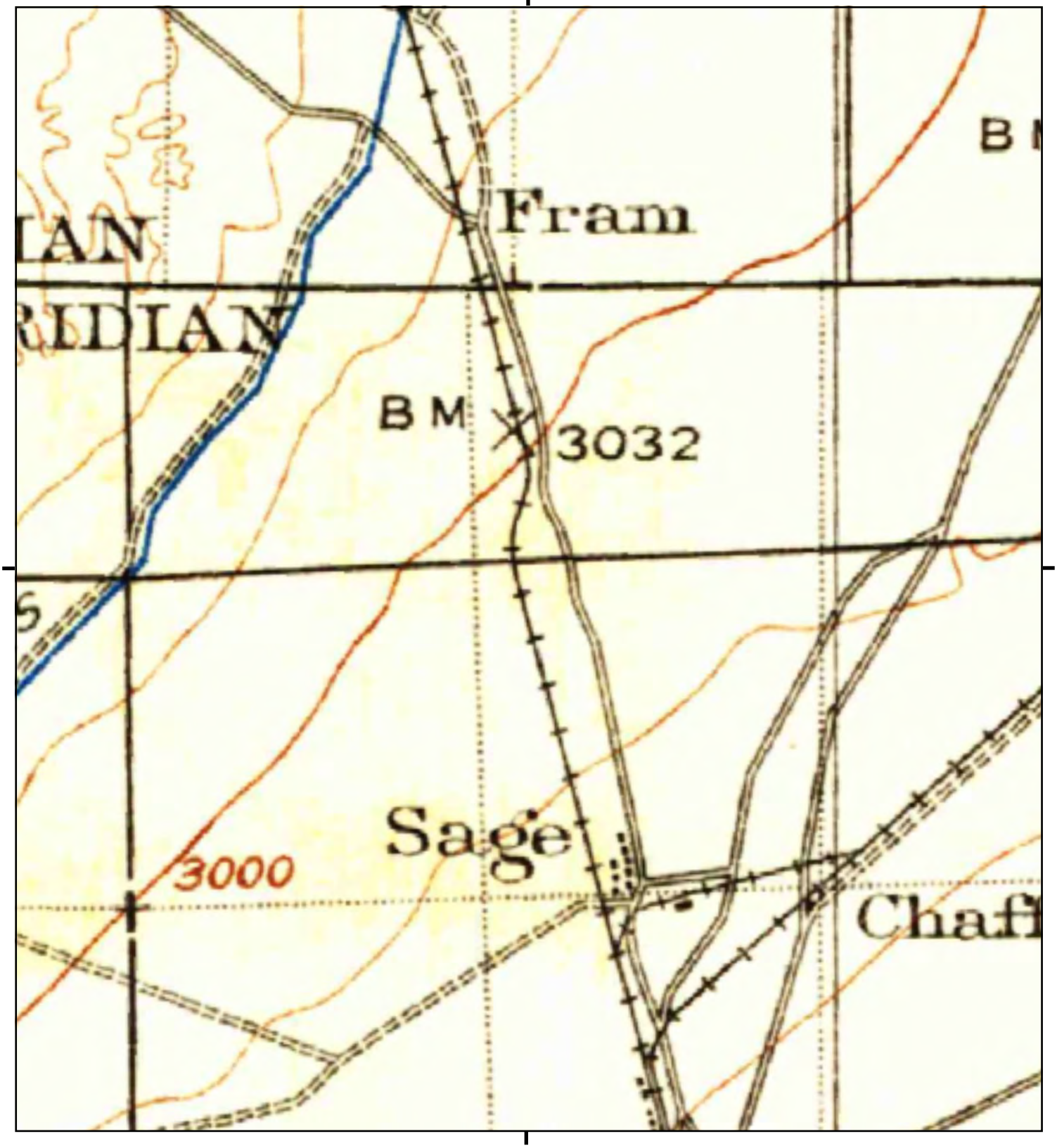
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

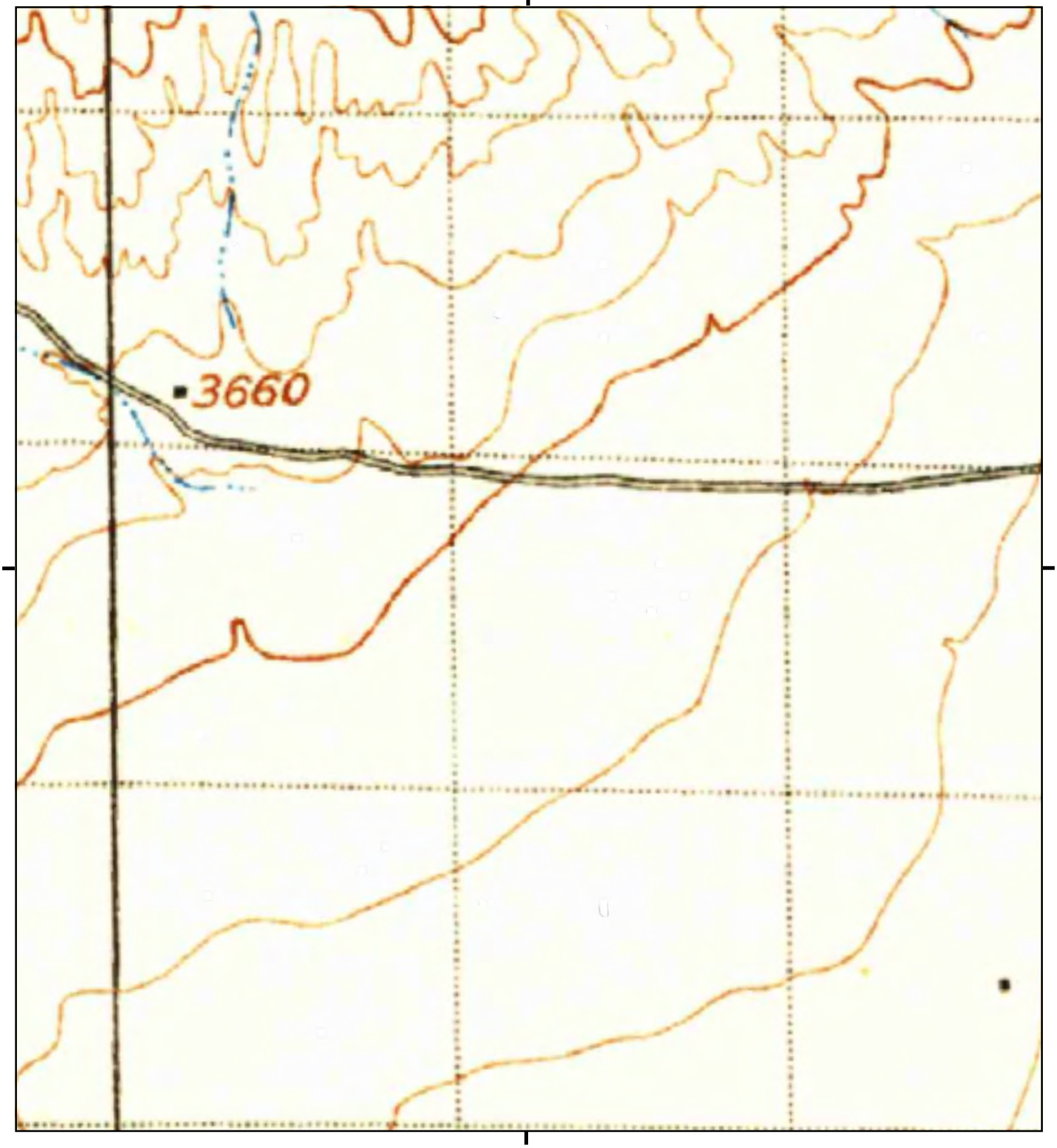
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

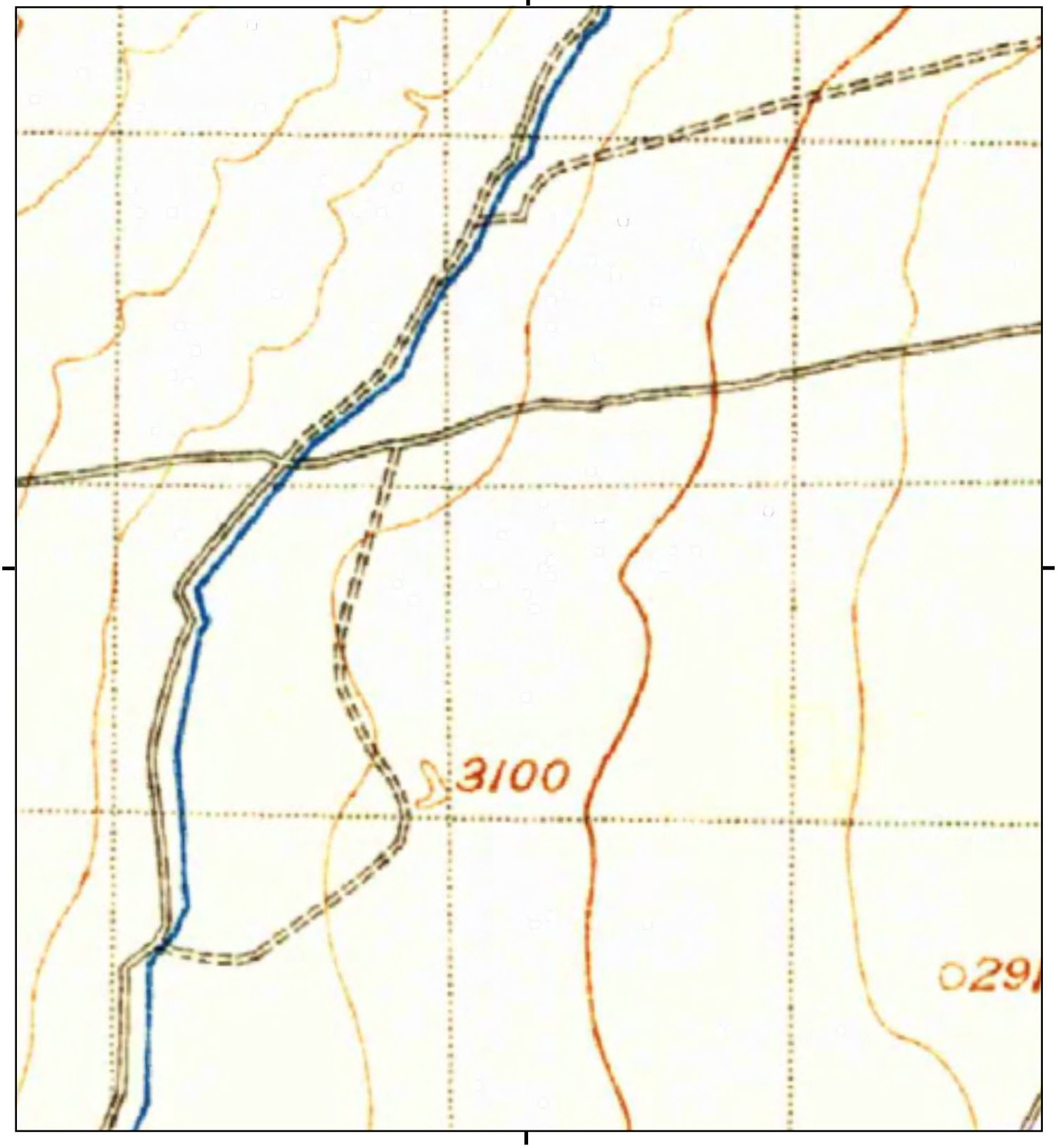
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Bellefield

Bellefield

Mojave, CA 93501

Inquiry Number: 5759391.6

August 20, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/20/19

Site Name:

Bellefield
Bellefield
Mojave, CA 93501
EDR Inquiry # 5759391.6

Client Name:

Stantec
735 E. Carnegie Drive, Suite 280
SAN BERNARDINO, CA 92408
Contact: Alicia Jansen

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 0EA4-4A2C-BDDD

PO # NA

Project NA

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 0EA4-4A2C-BDDD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Bellefield 1

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.1

August 27, 2019

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

08/27/19

Site Name:

Bellefield 1
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.1

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EDR Production Test Acct 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. EDRs 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:

P.O.#

Project:

Coordinates:

Latitude:	35.064928 35° 3' 54" North
Longitude:	-118.162764 -118° 9' 46" West
UTM Zone:	Zone 11 North
UTM X Meters:	393977.25
UTM Y Meters:	3880861.48
Elevation:	2792.00' above sea level

Maps Provided:

2012
1995
1973
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000

1995 Source Sheets



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1973 Source Sheets



Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

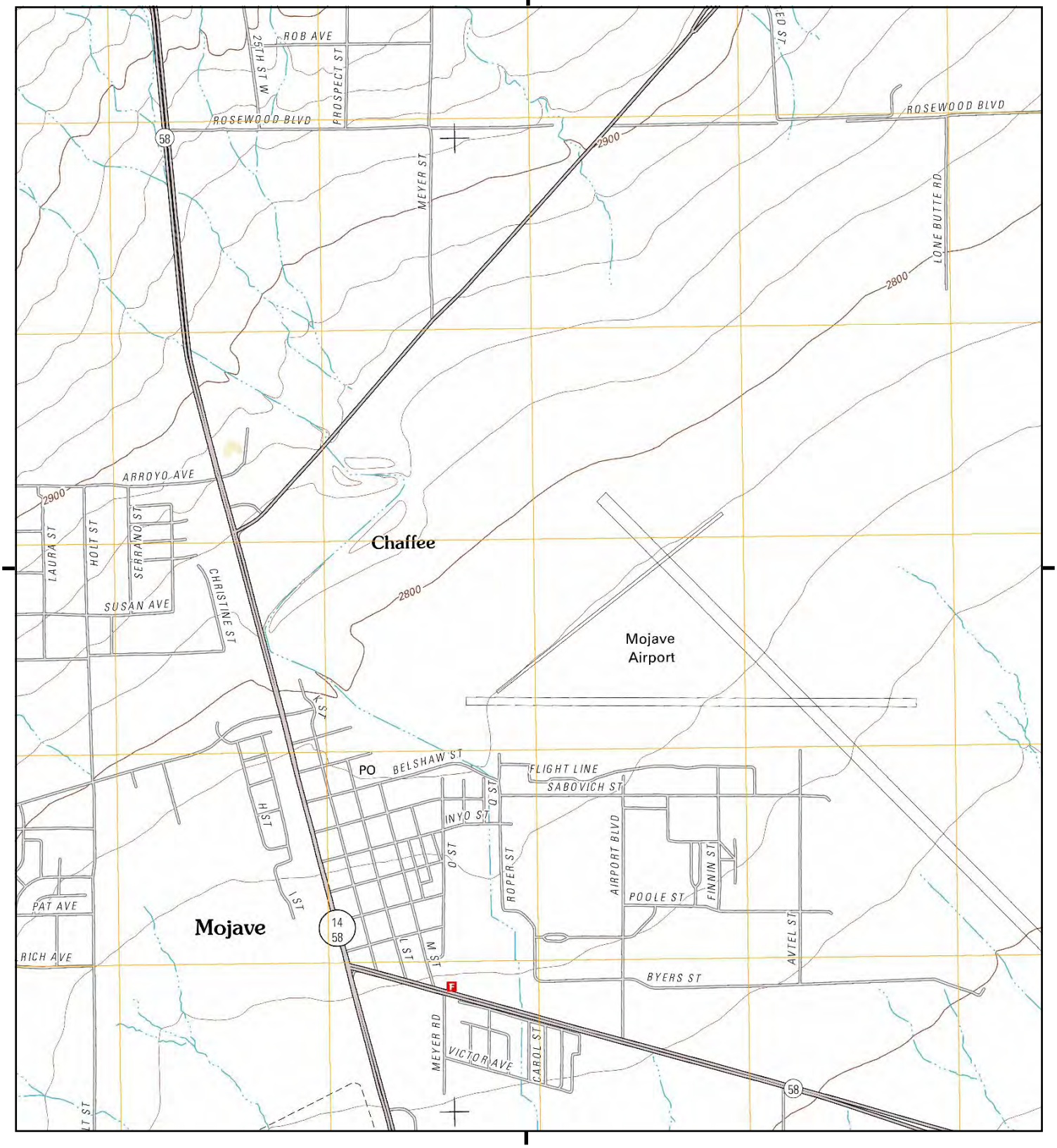
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

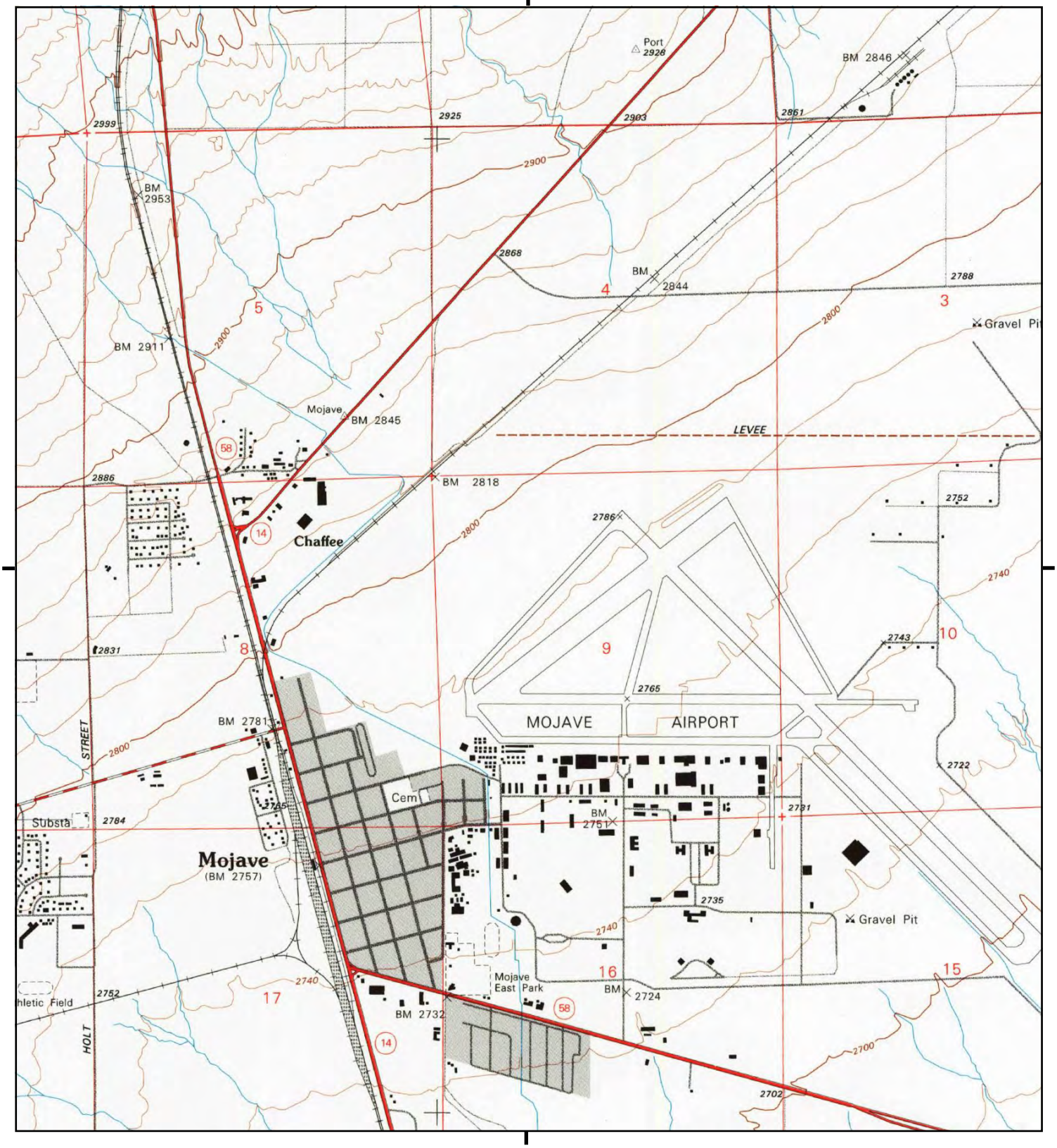
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

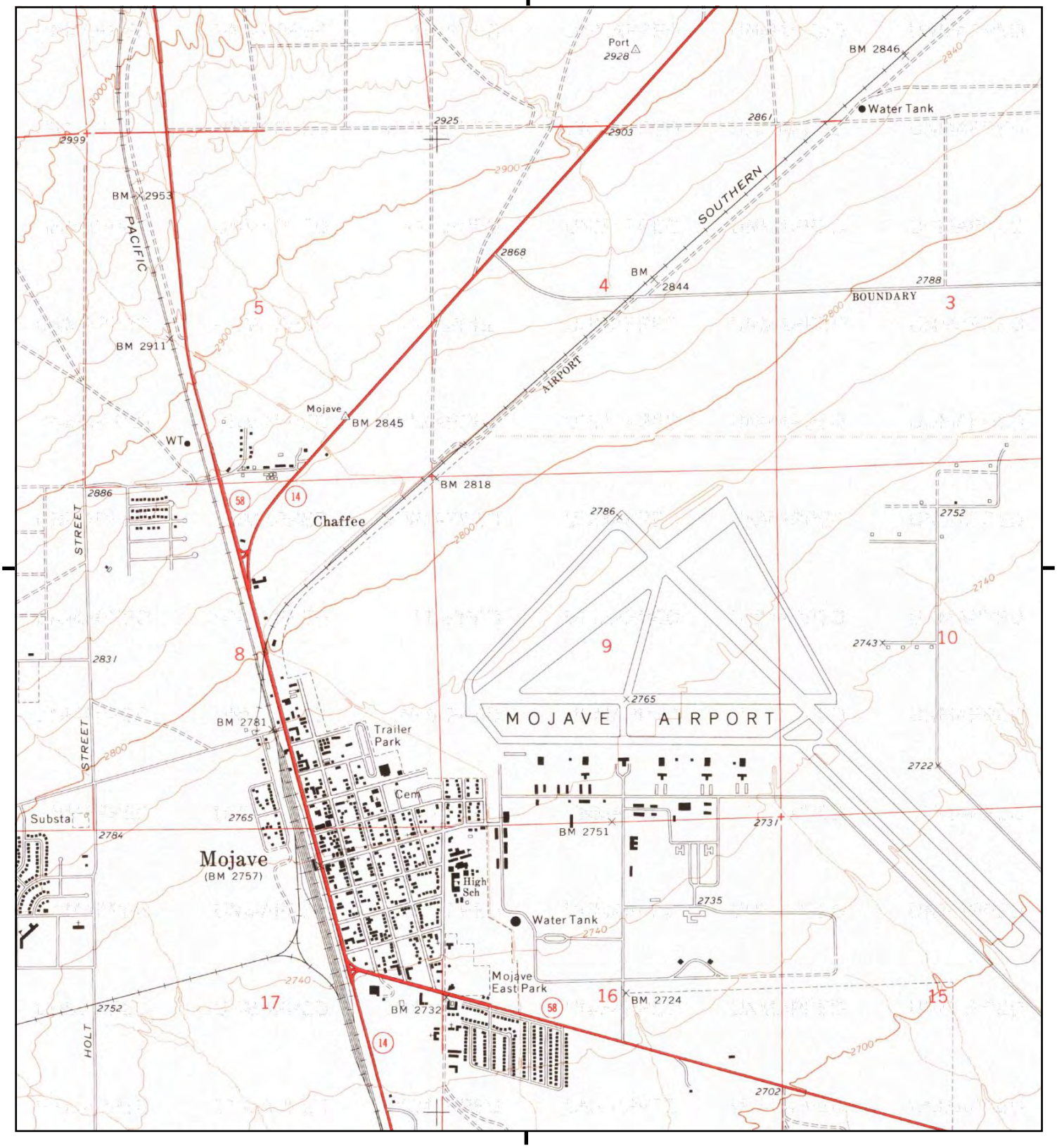
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

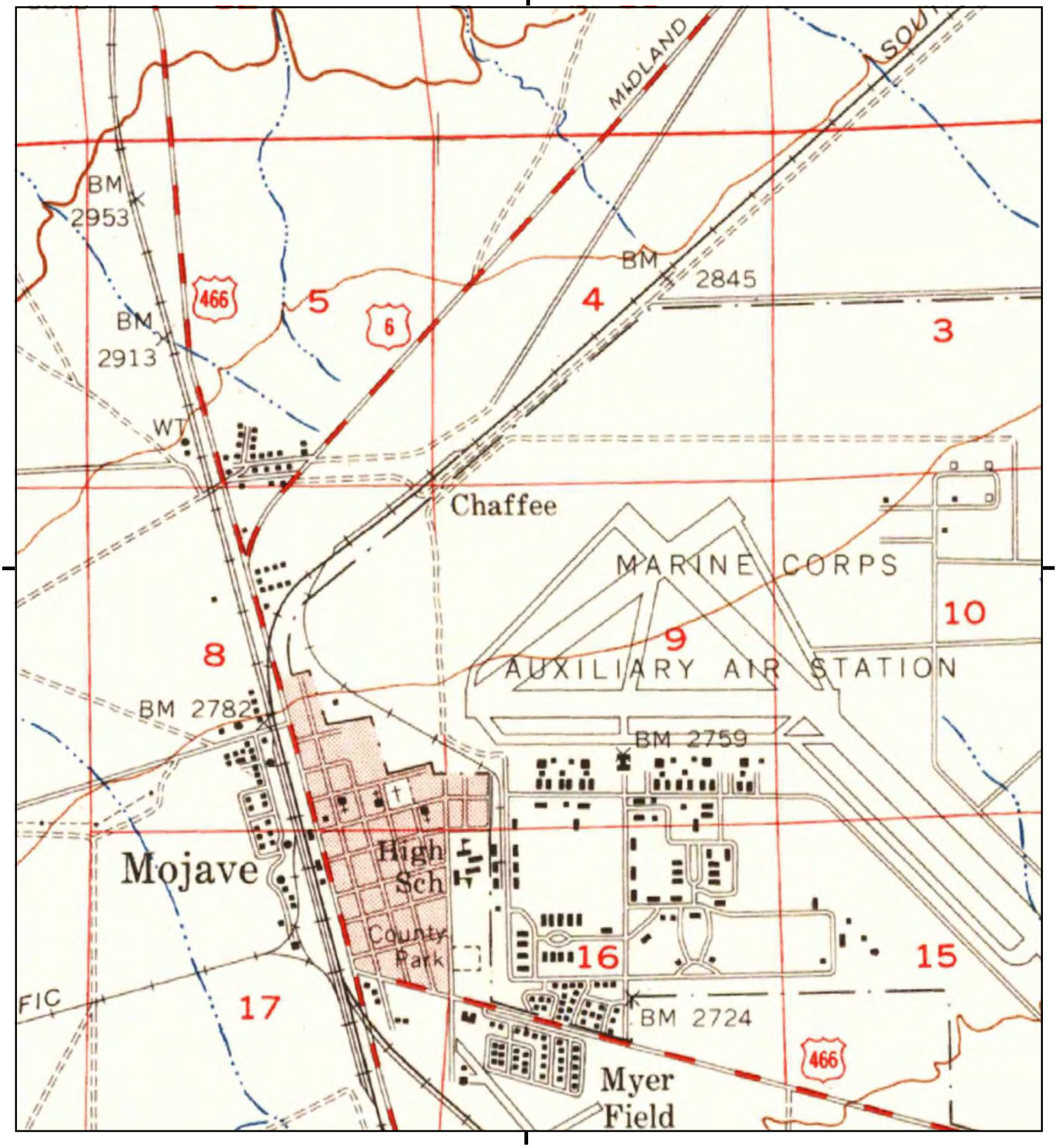
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

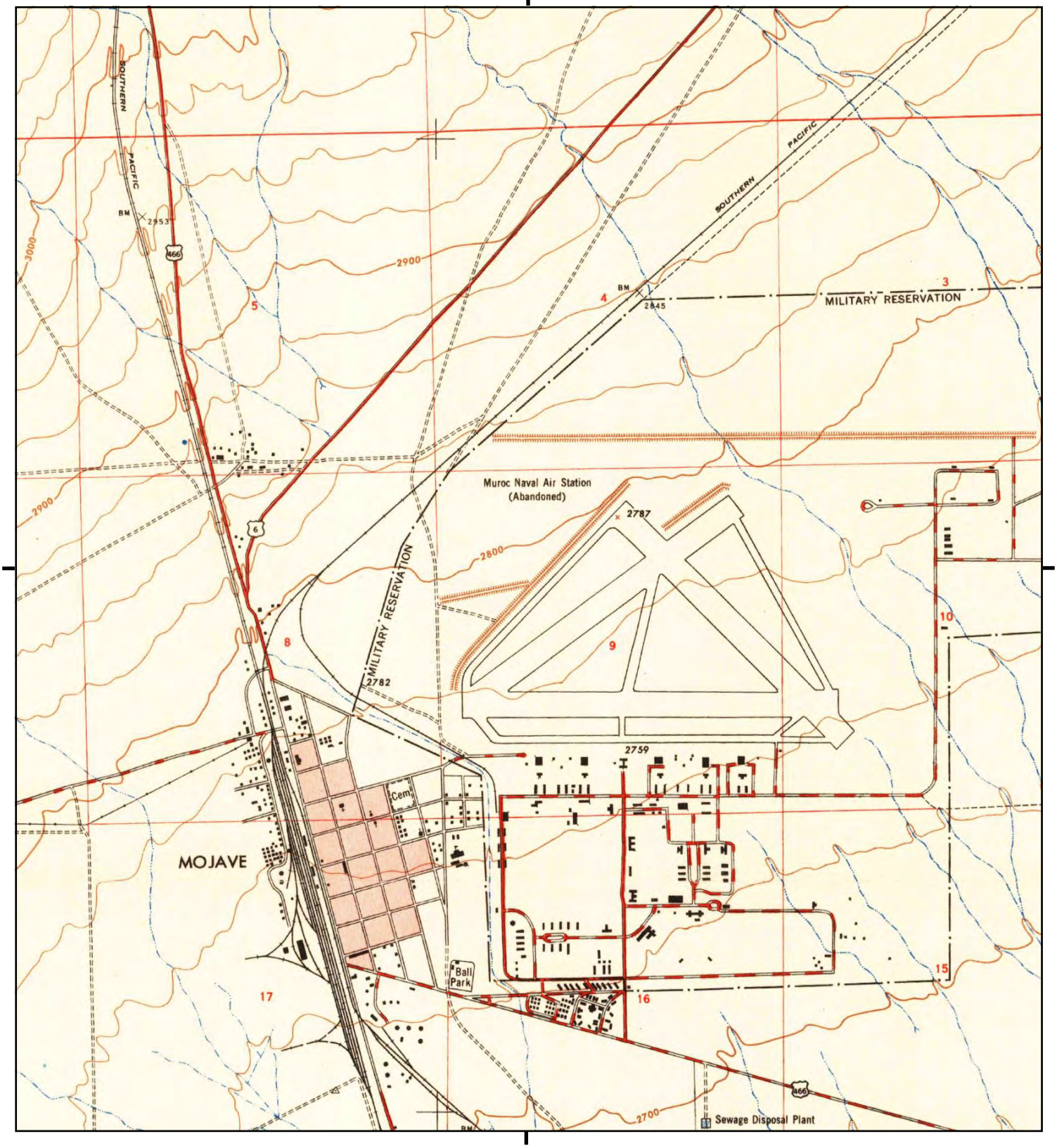
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

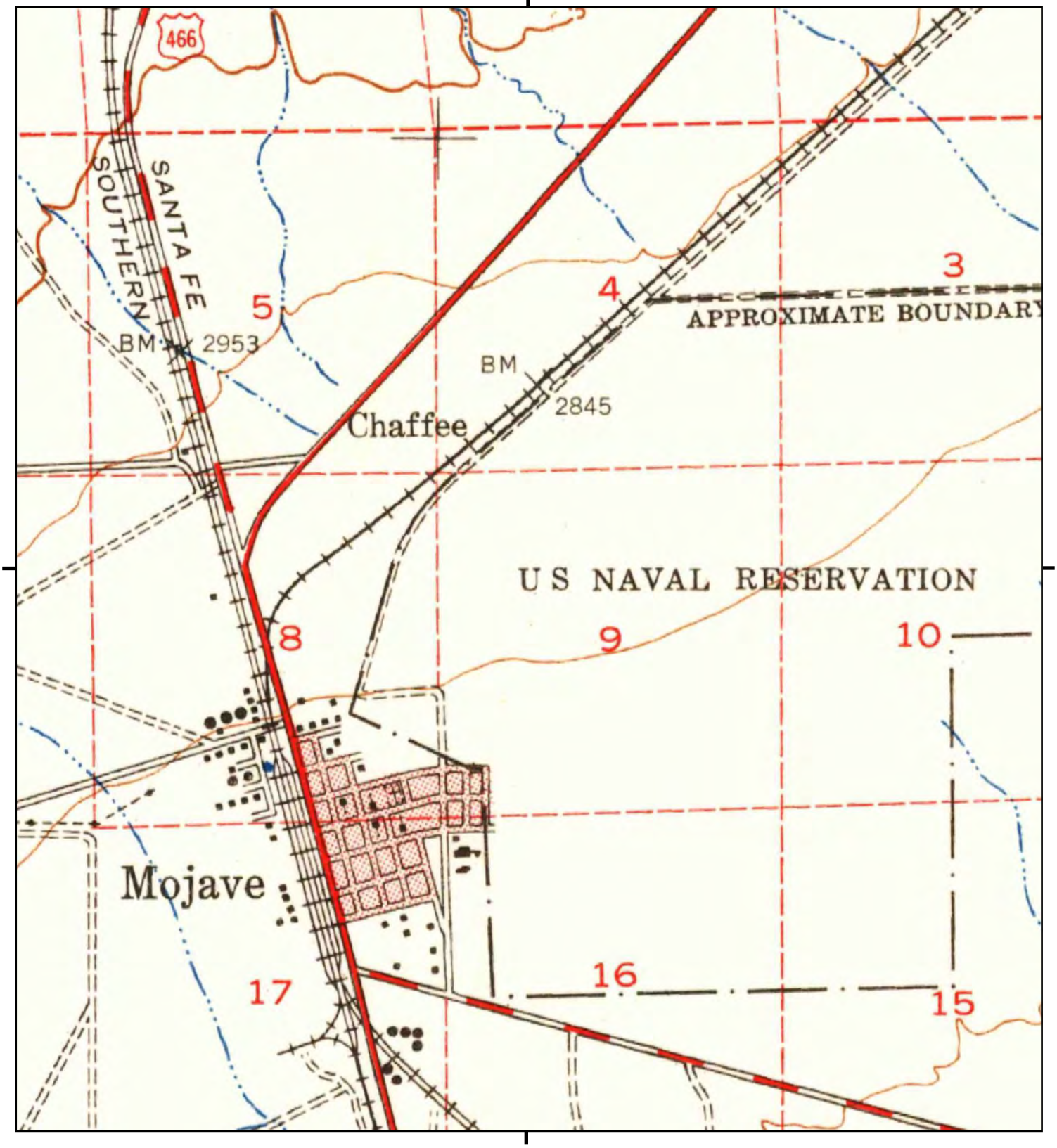
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

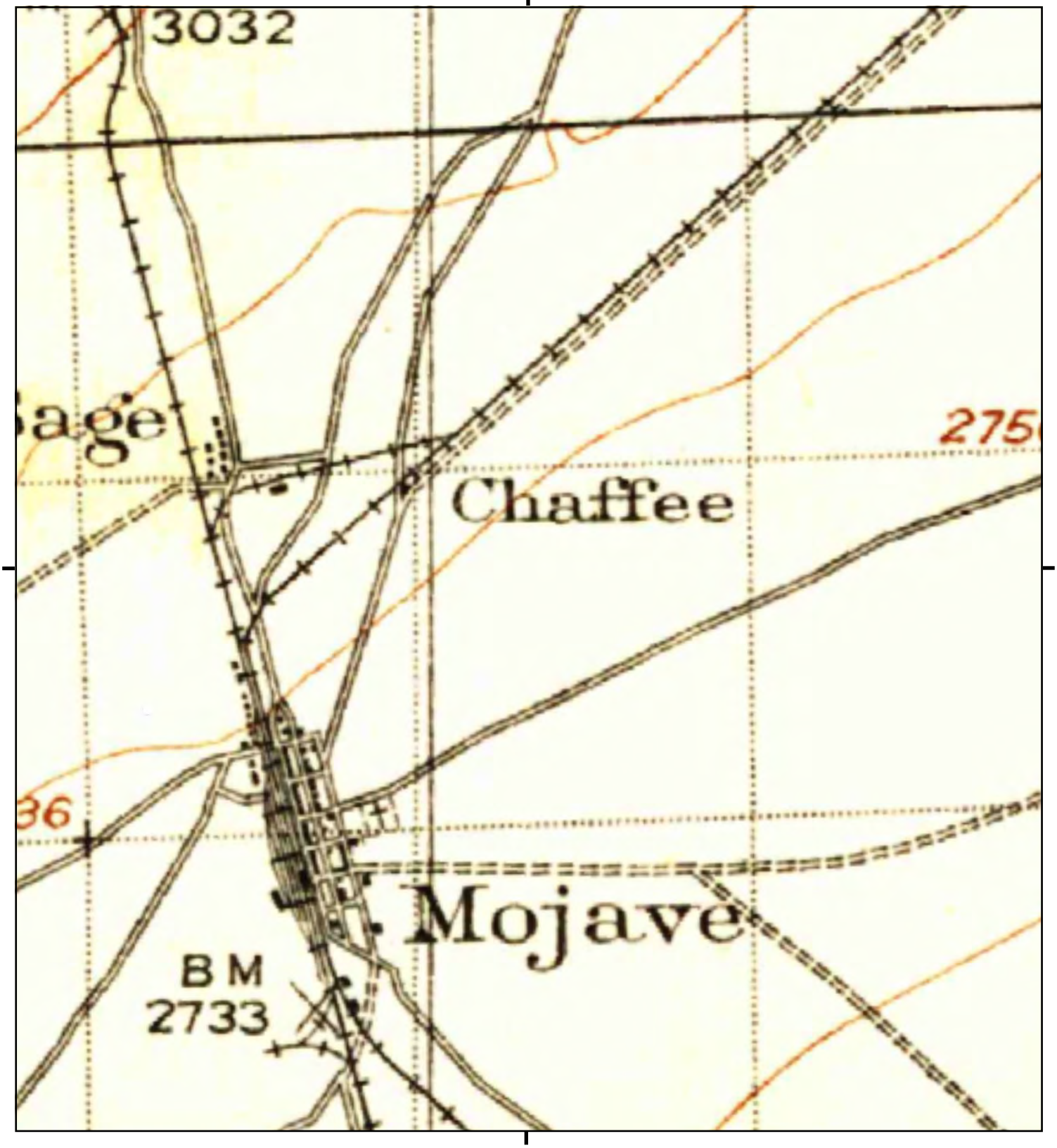
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 1
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 2

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.2

August 27, 2019

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with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/27/19

Site Name:

Bellefield 2
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.2

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.065374 35° 3' 55" North
Longitude:	-118.115056 -118° 6' 54" West
UTM Zone:	Zone 11 North
UTM X Meters:	398328.09
UTM Y Meters:	3880861.26
Elevation:	2708.00' above sea level

Maps Provided:

2012
1994, 1995
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

1994, 1995 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

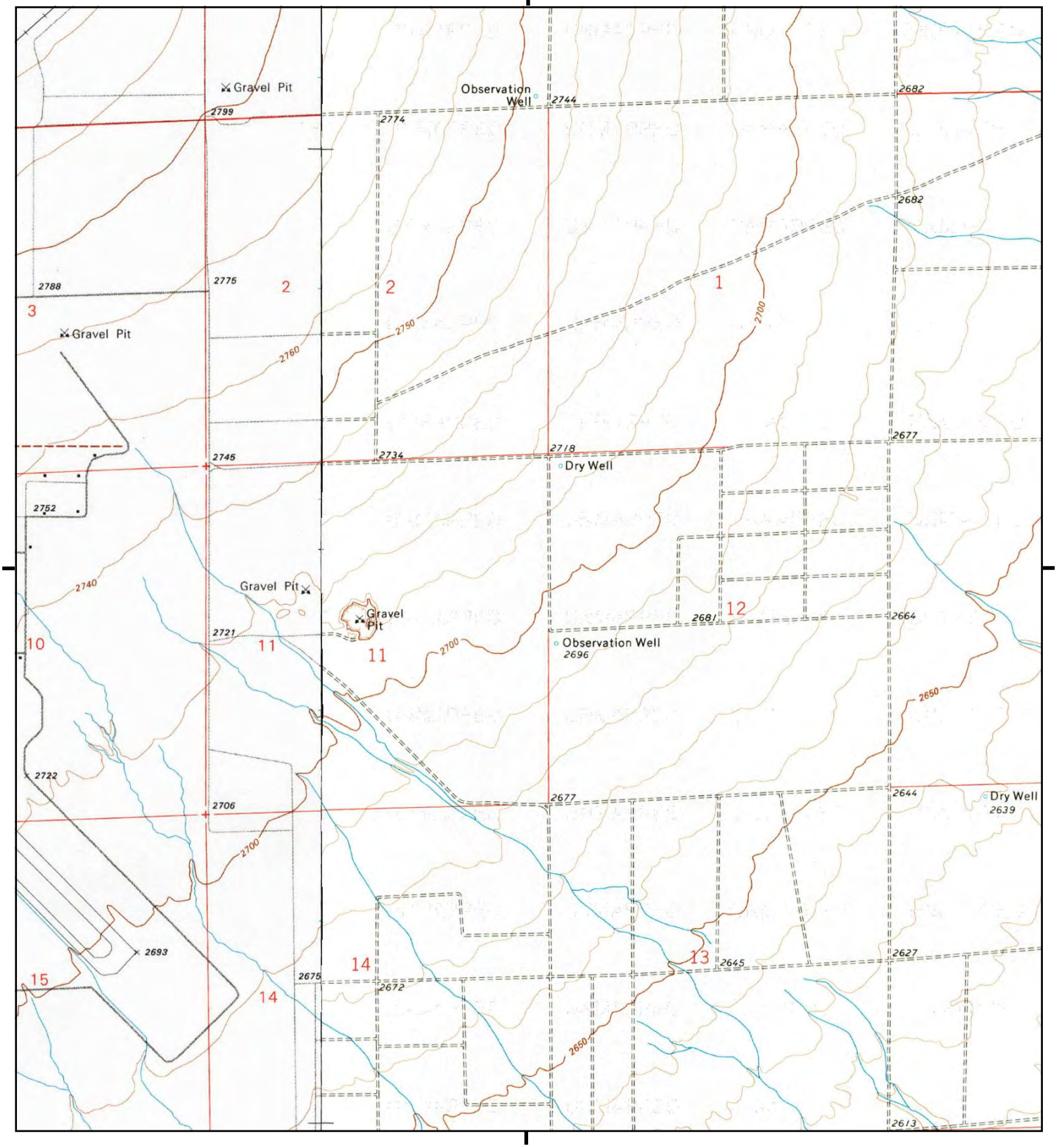
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 2012, 7.5-minute
W, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

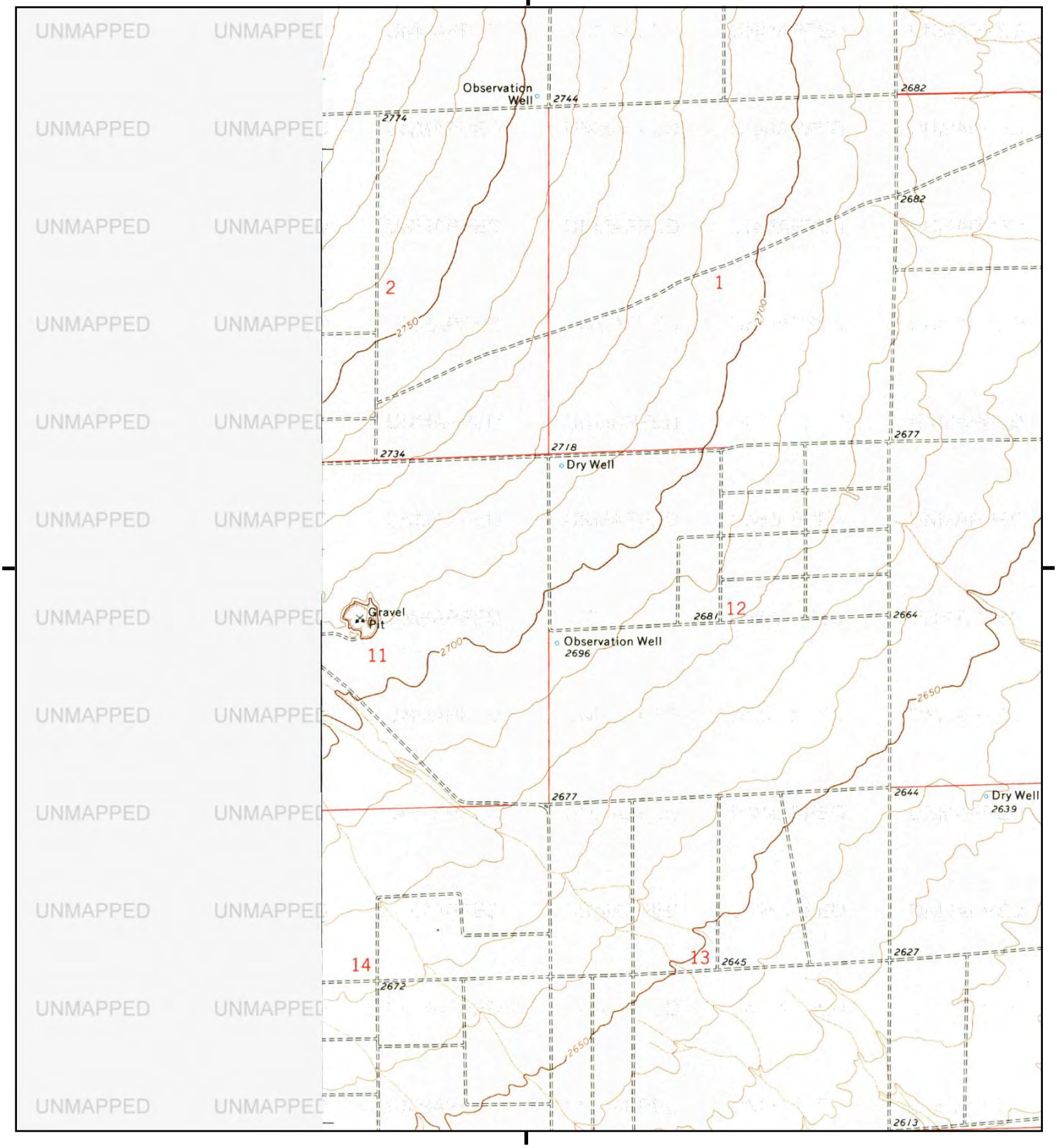
TP, Sanborn, 1994, 7.5-minute
W, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

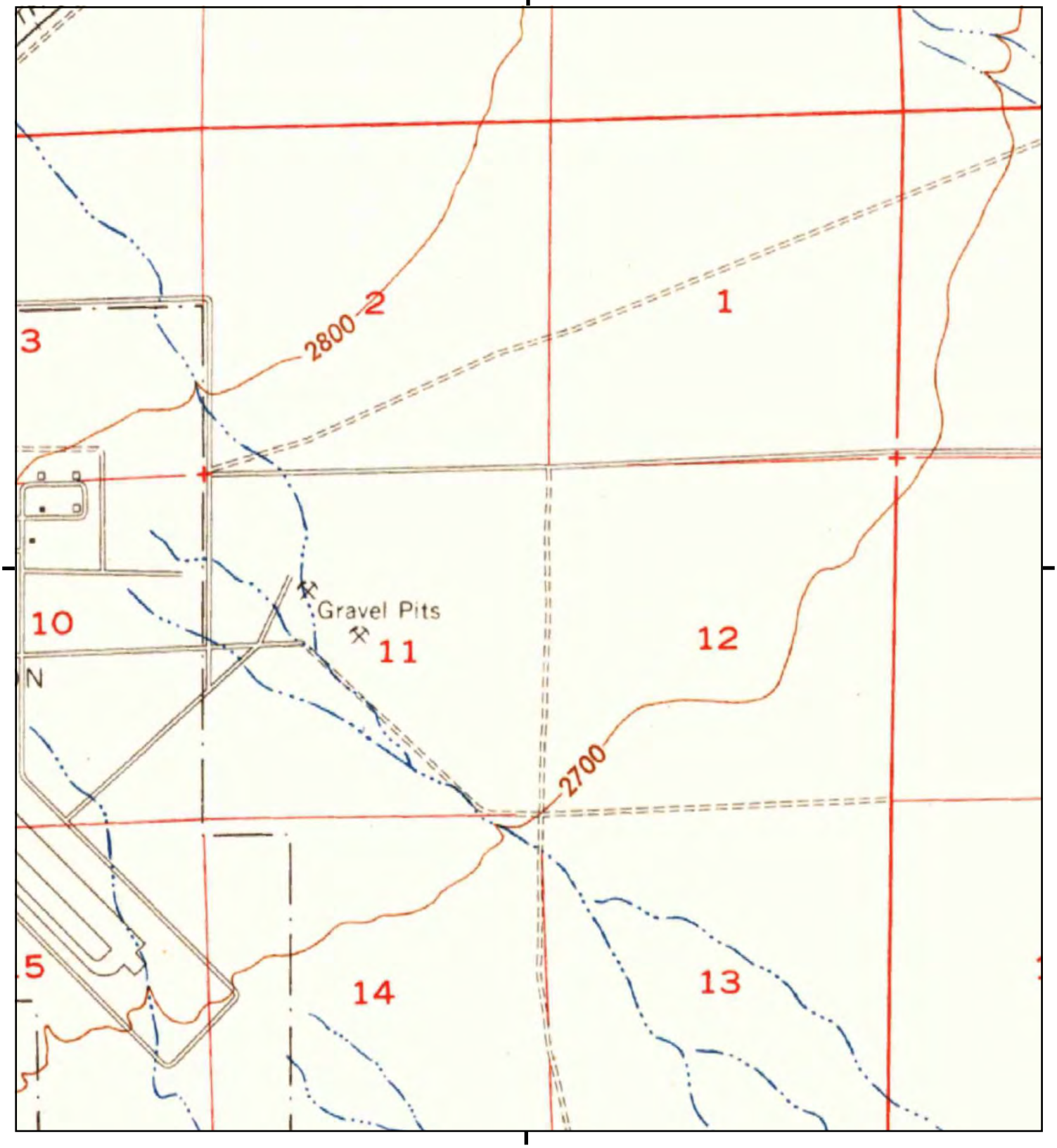
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

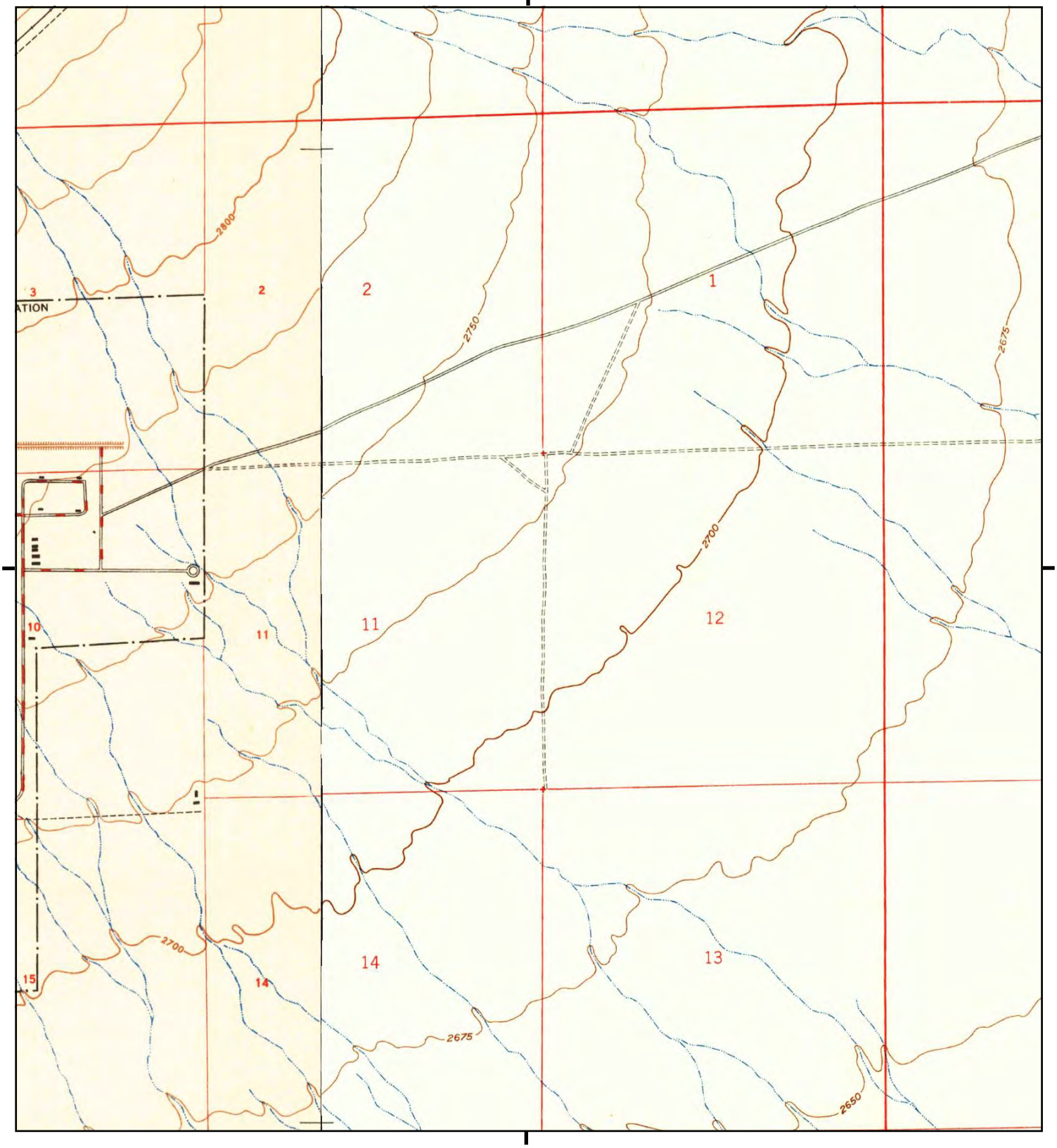
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

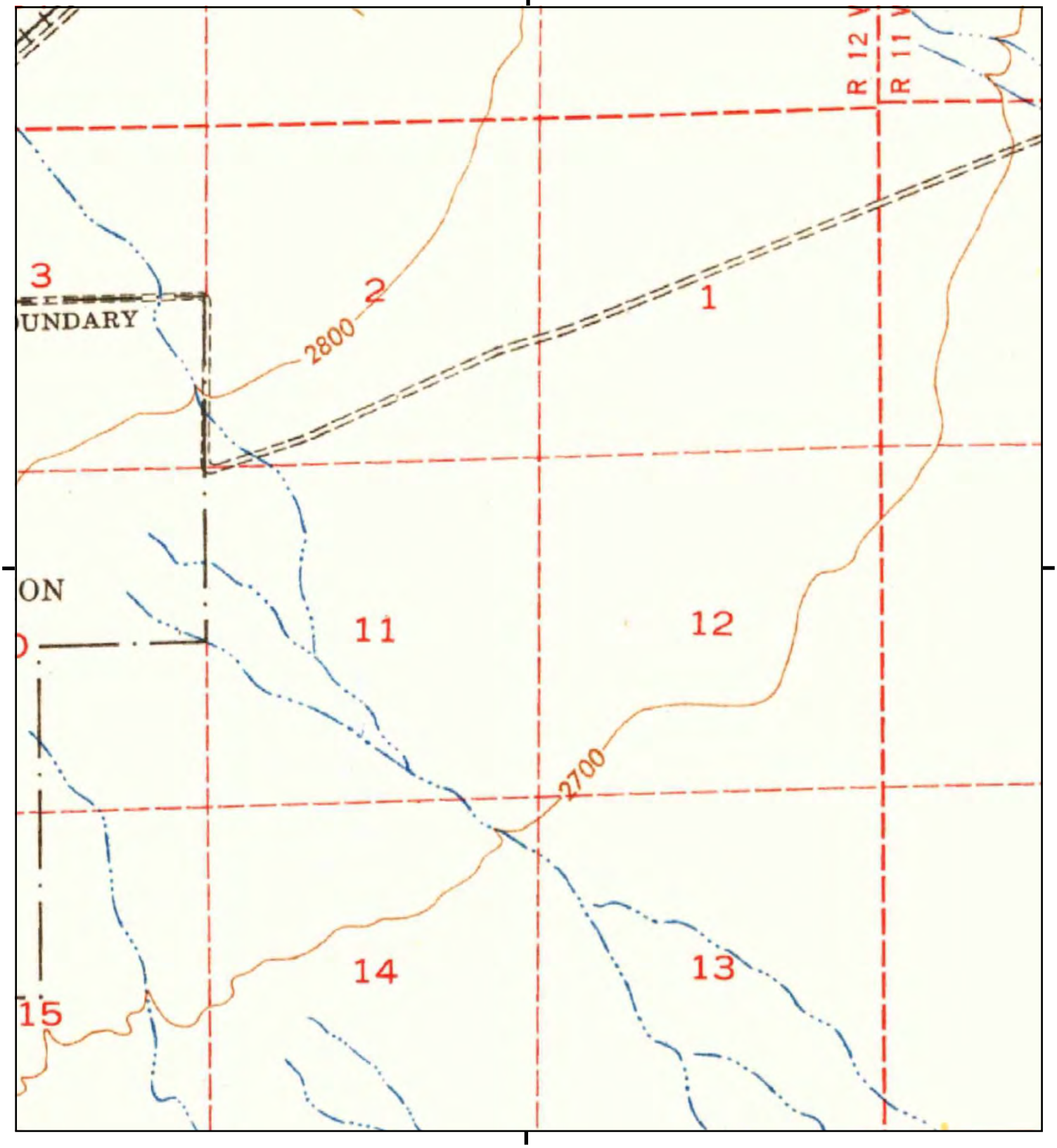
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
W, Mojave, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

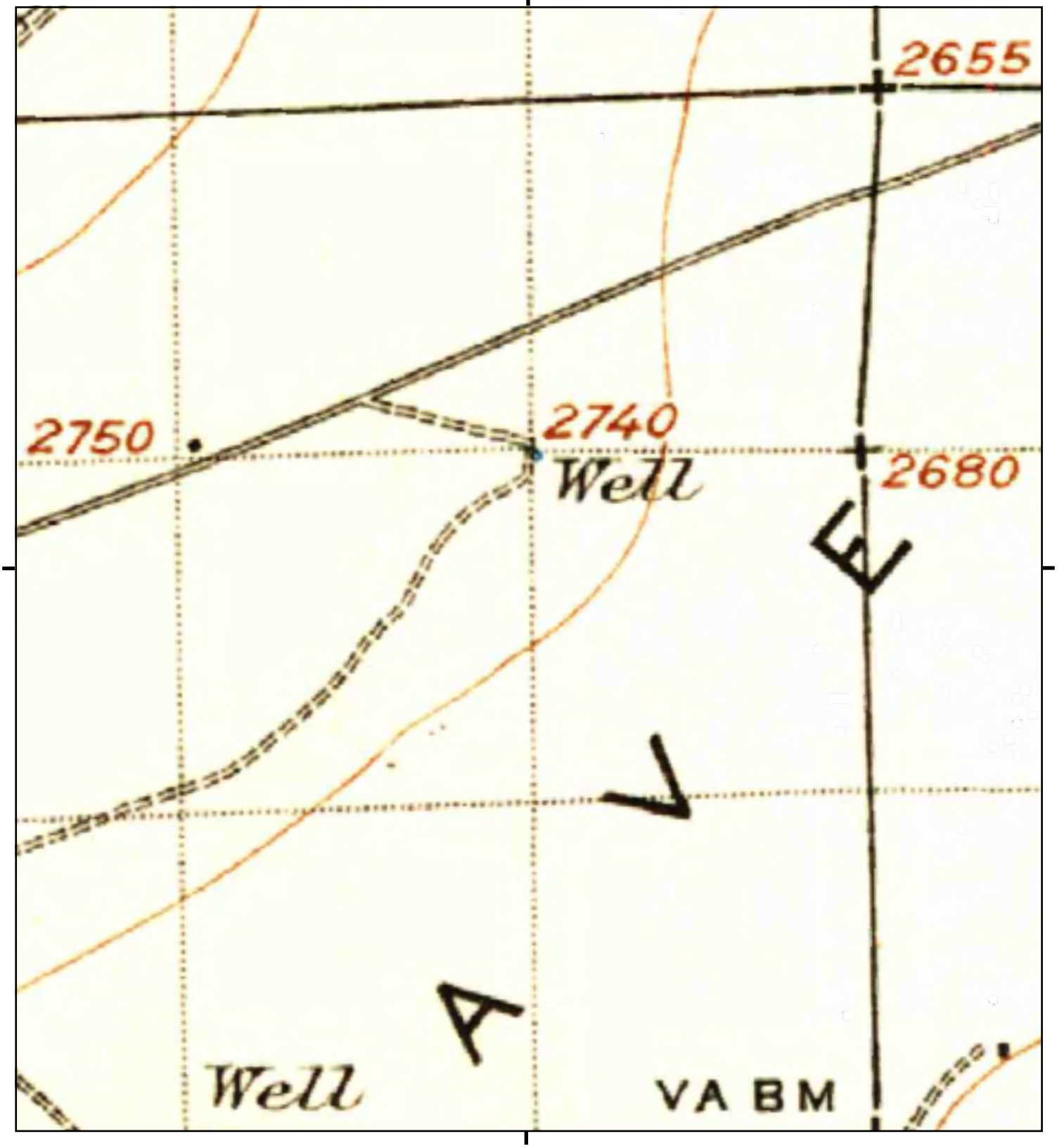
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 2
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 3

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.3

August 27, 2019

EDR Historical Topo Map Report

with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/27/19

Site Name:

Bellefield 3
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.3

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.065793 35° 3' 57" North
Longitude:	-118.068549 -118° 4' 7" West
UTM Zone:	Zone 11 North
UTM X Meters:	402569.31
UTM Y Meters:	3880861.30
Elevation:	2597.00' above sea level

Maps Provided:

2012
1994
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Sanborn
2012
7.5-minute, 24000

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

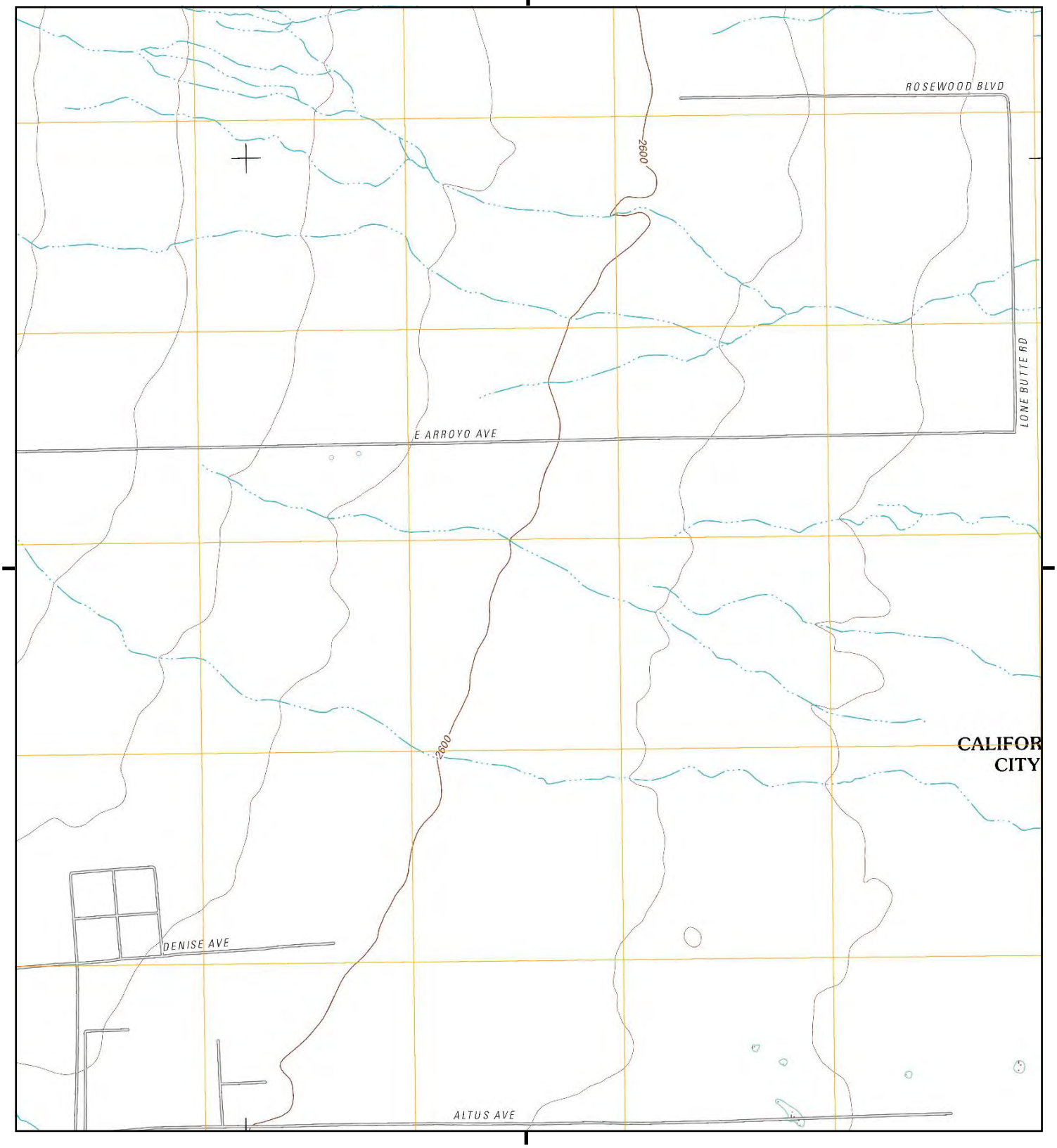
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

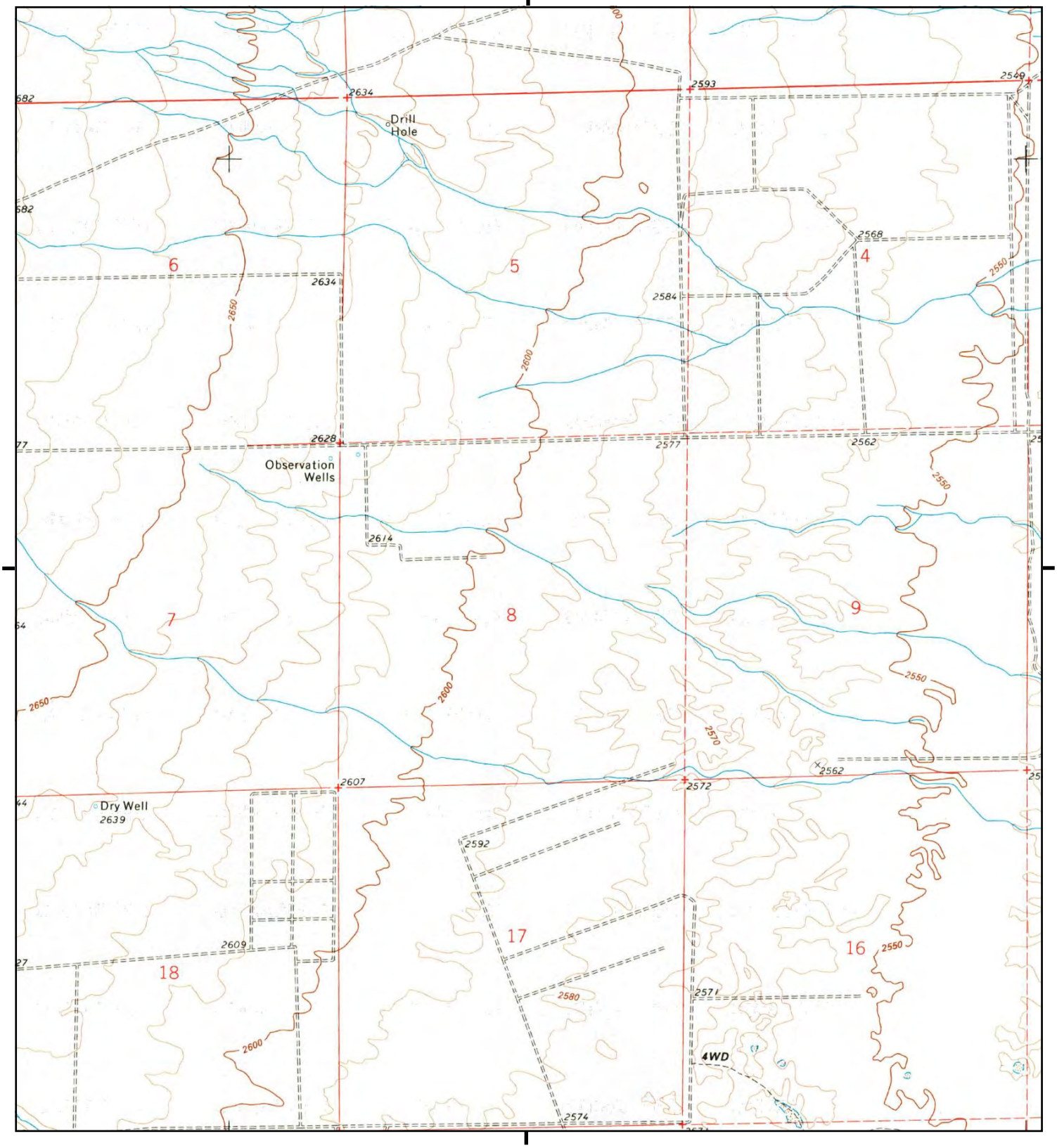
TP, Sanborn, 2012, 7.5-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

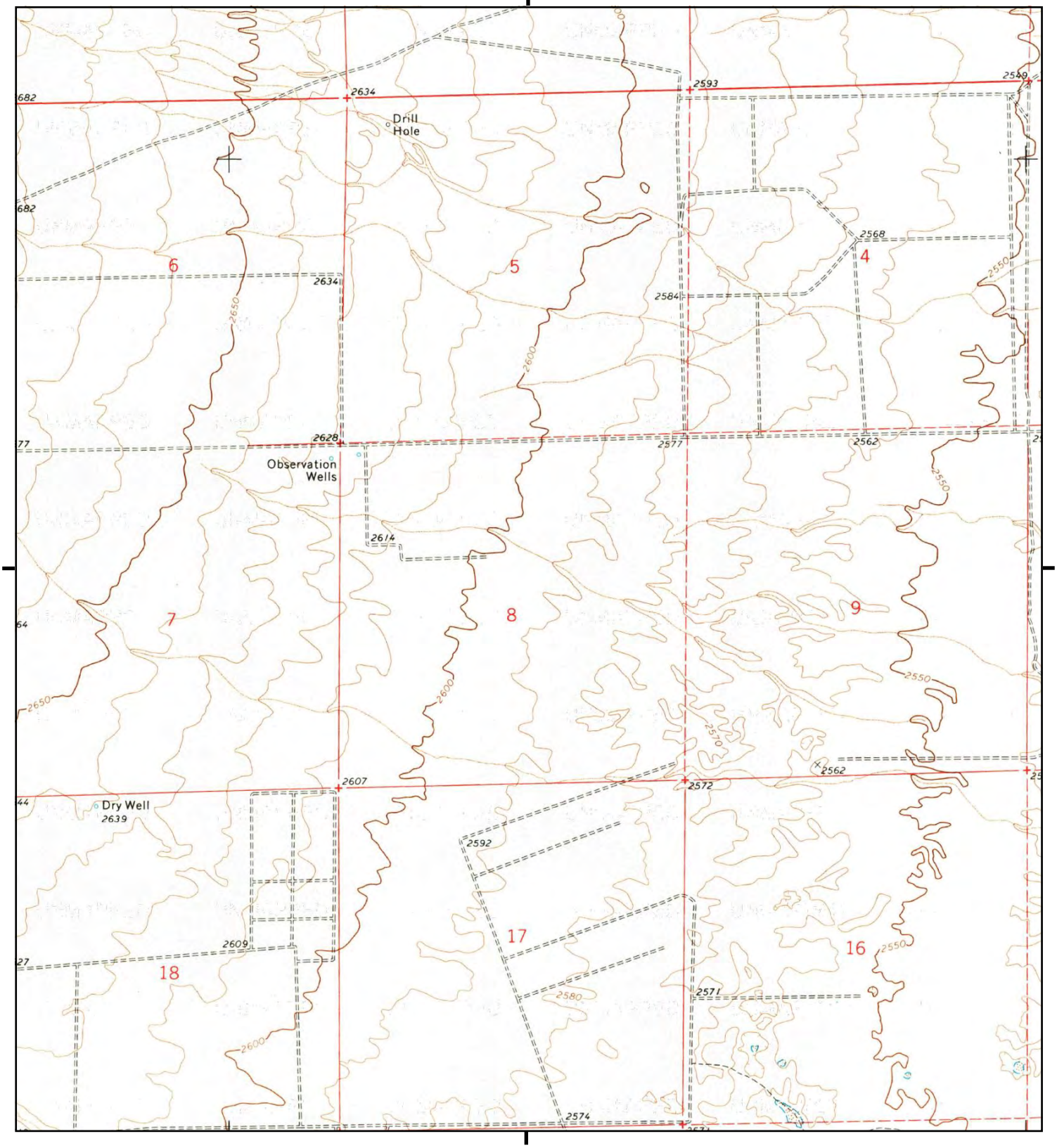
TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

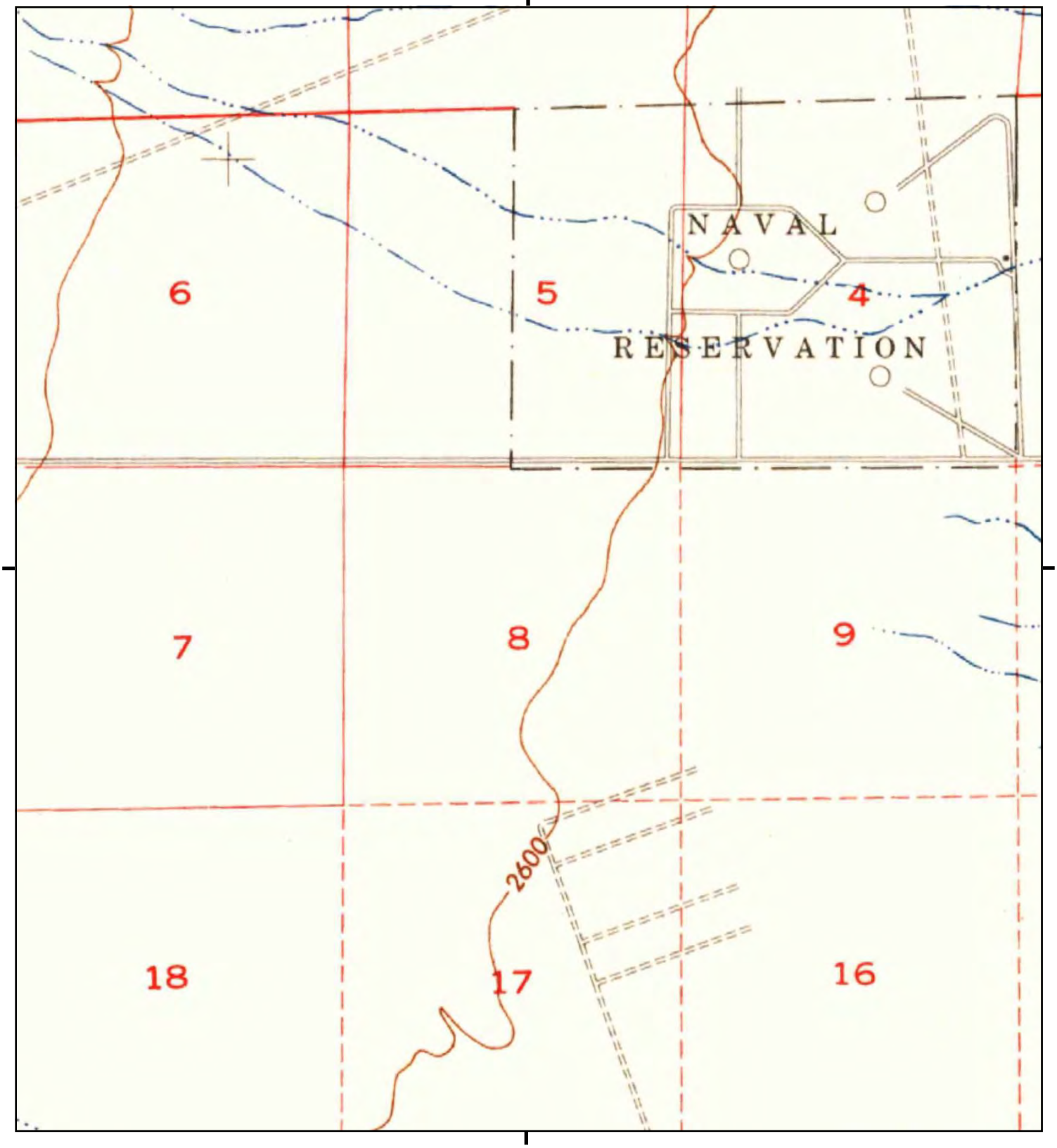
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

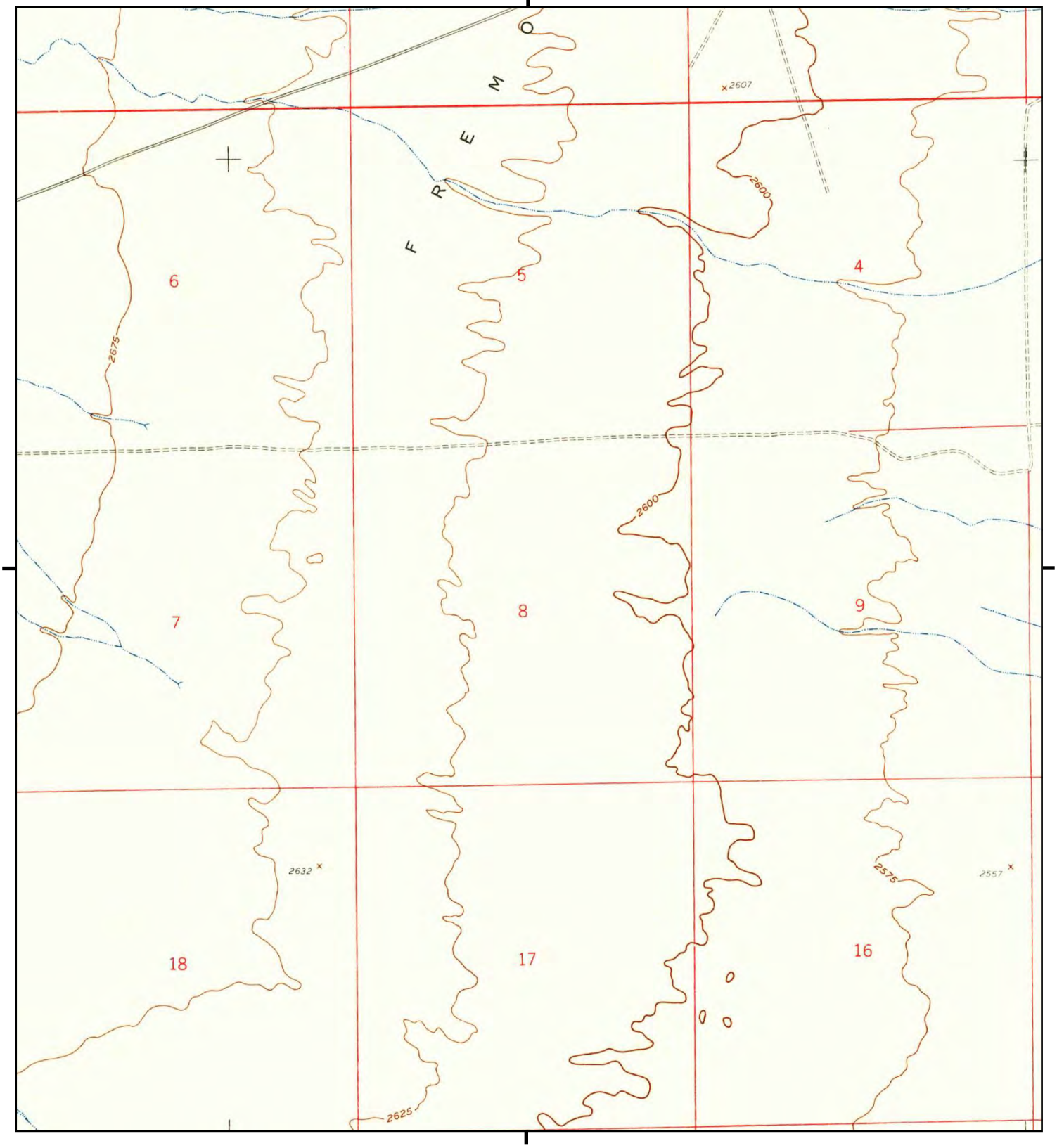
TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

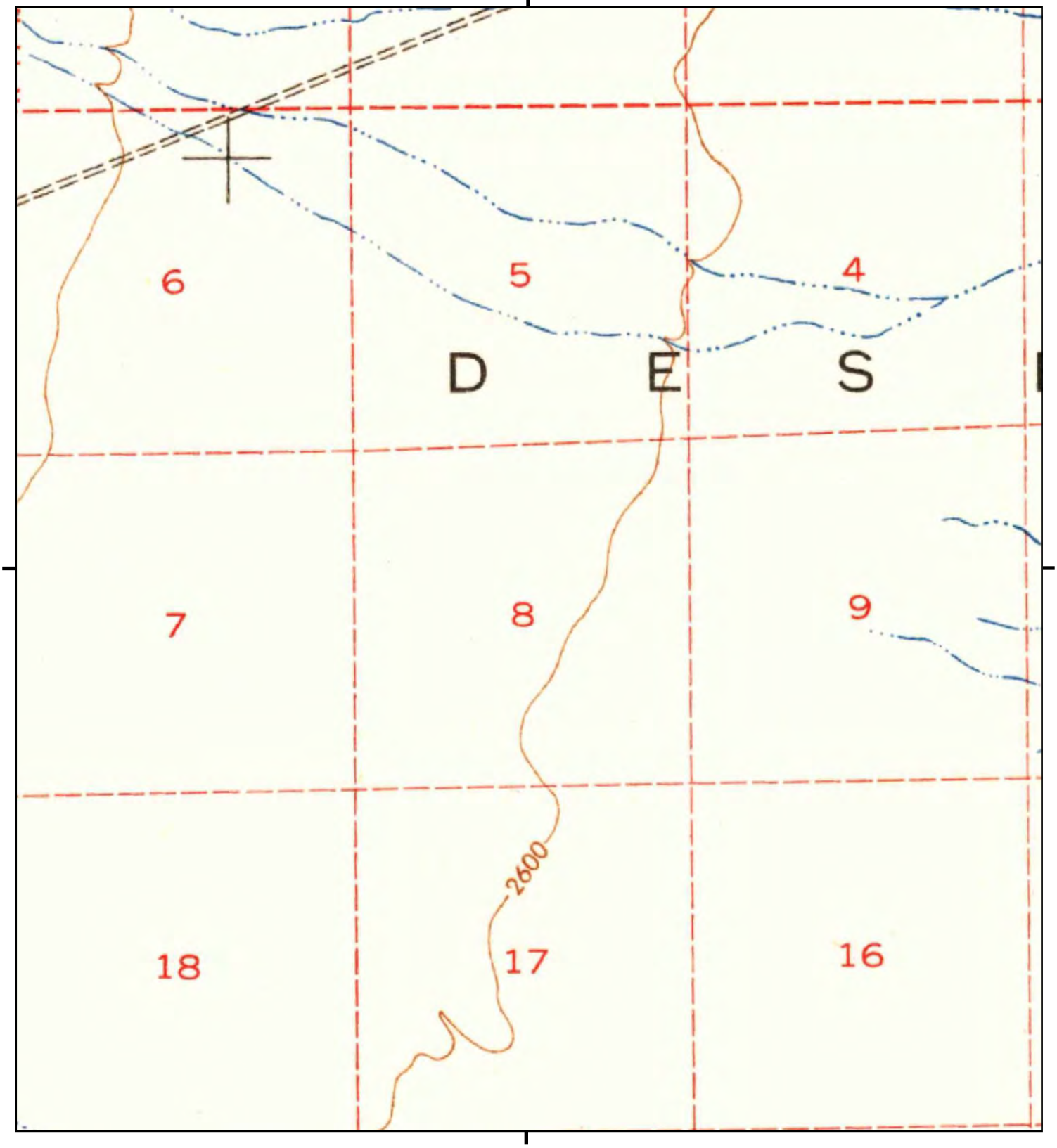
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

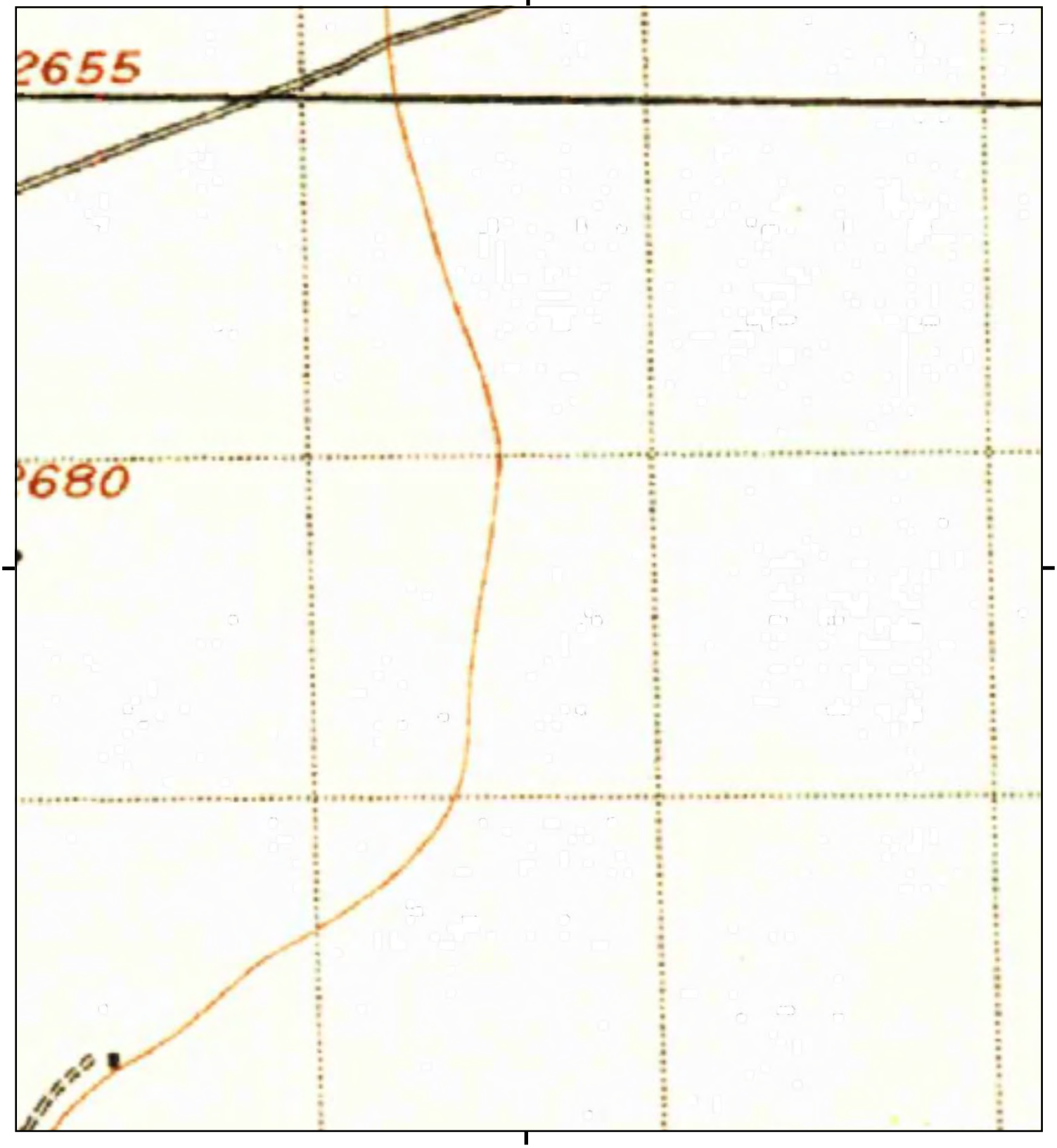
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 3
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 4

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.4

August 27, 2019

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

08/27/19

Site Name:

Bellefield 4
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.4

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EDR Production Test Acct 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. EDRs 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:

P.O.#

Project:

Coordinates:

Latitude:	35.038881 35° 2' 20" North
Longitude:	-118.253678 -118° 15' 13" West
UTM Zone:	Zone 11 North
UTM X Meters:	385650.81
UTM Y Meters:	3878073.16
Elevation:	3212.06' above sea level

Maps Provided:

2012	1943
1995	1915
1983	
1980	
1973	
1966	
1956	
1947	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000



Monolith
2012
7.5-minute, 24000

1995 Source Sheets

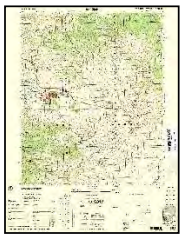


Monolith
1995
7.5-minute, 24000
Aerial Photo Revised 1992



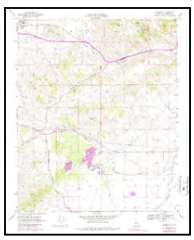
Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1983 Source Sheets



TEHACHAPI
1983
15-minute, 50000

1980 Source Sheets

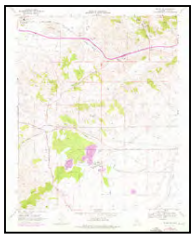


Monolith
1980
7.5-minute, 24000
Aerial Photo Revised 1973

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets

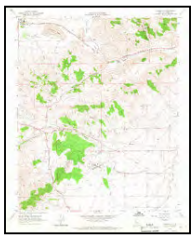


Monolith
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972

1966 Source Sheets



Monolith
1966
7.5-minute, 24000
Aerial Photo Revised 1963

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

1947 Source Sheets



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943



Tehachapi
1943
15-minute, 62500
Aerial Photo Revised 1943

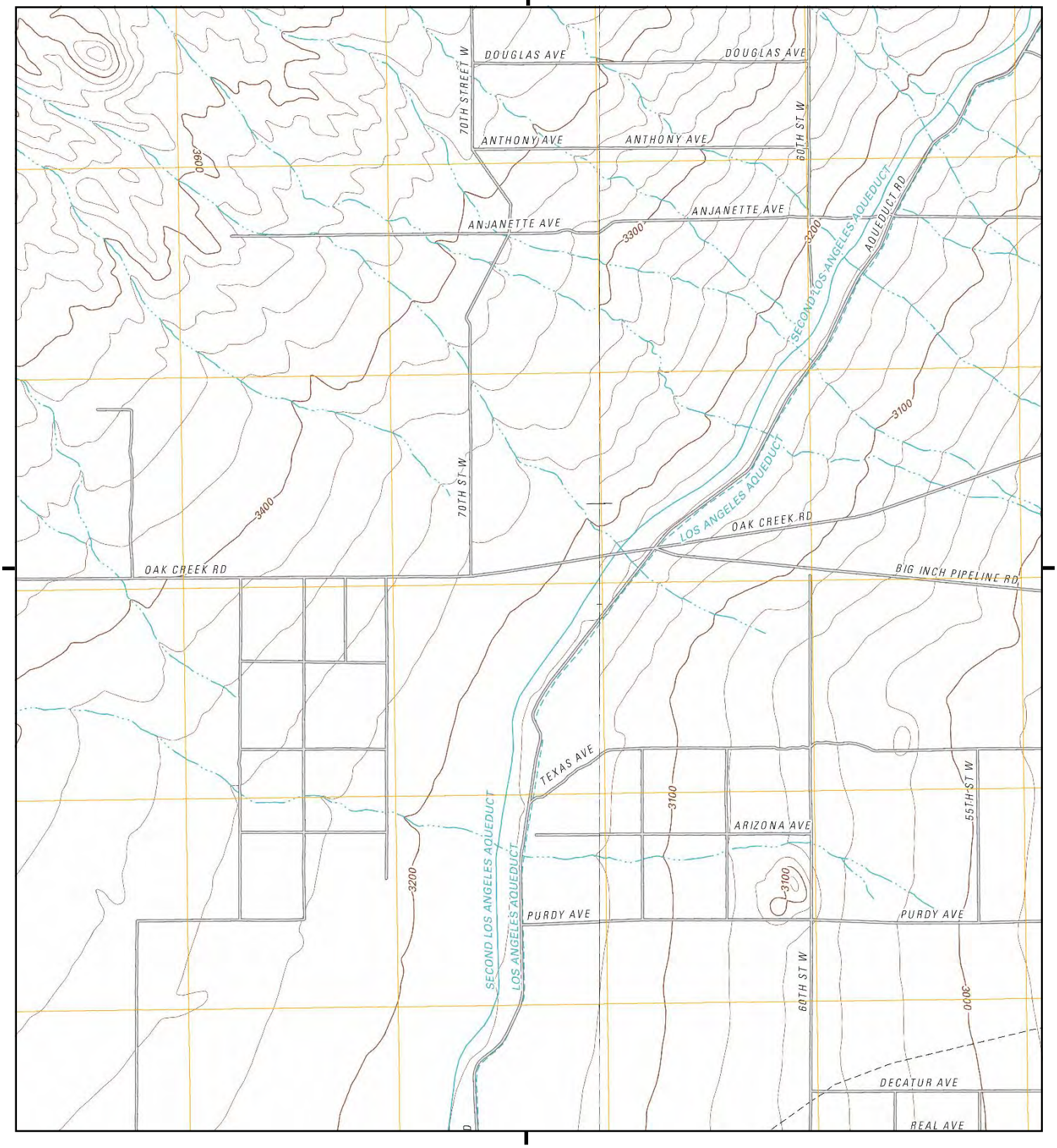
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

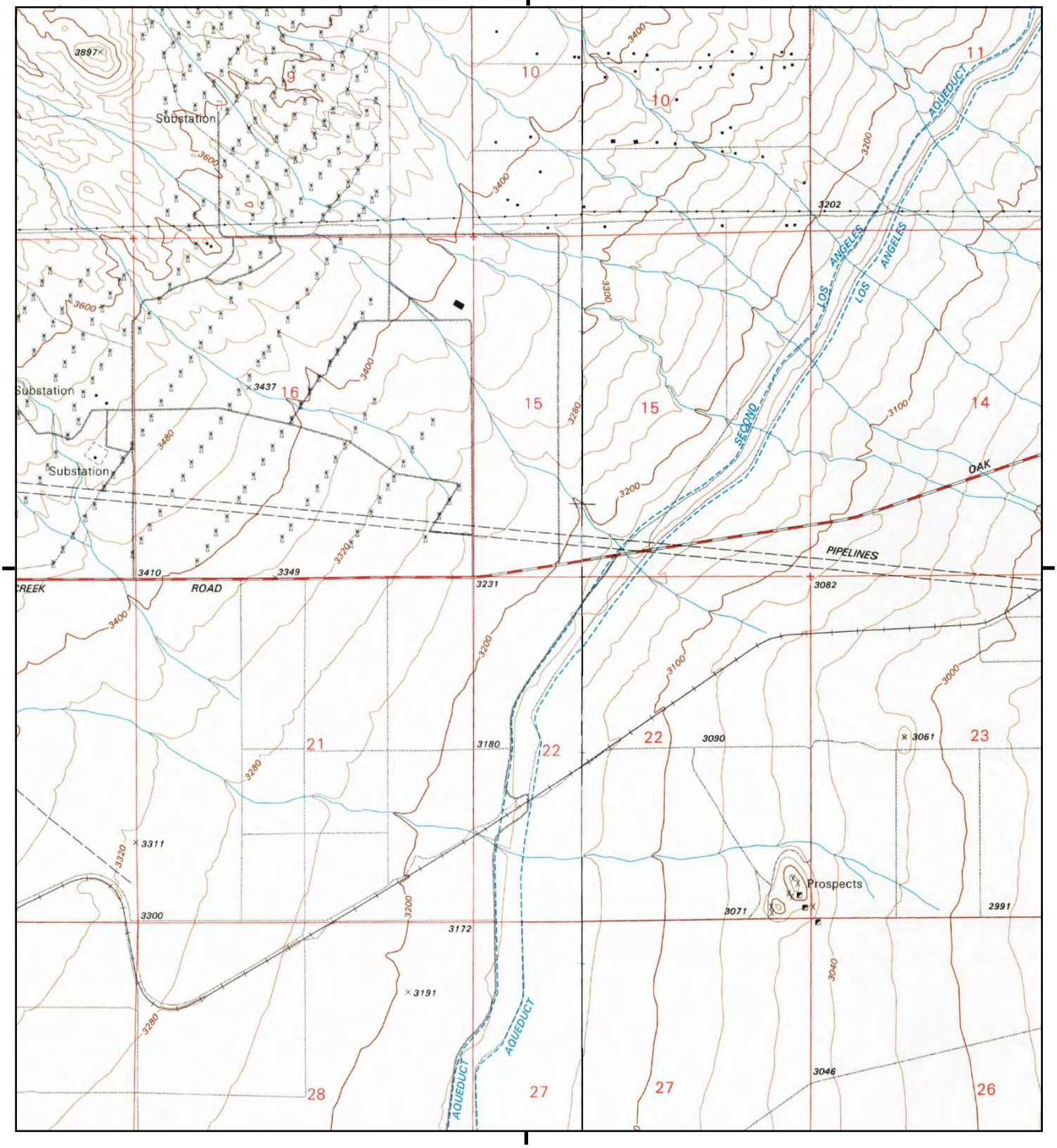
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 2012, 7.5-minute
NE, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

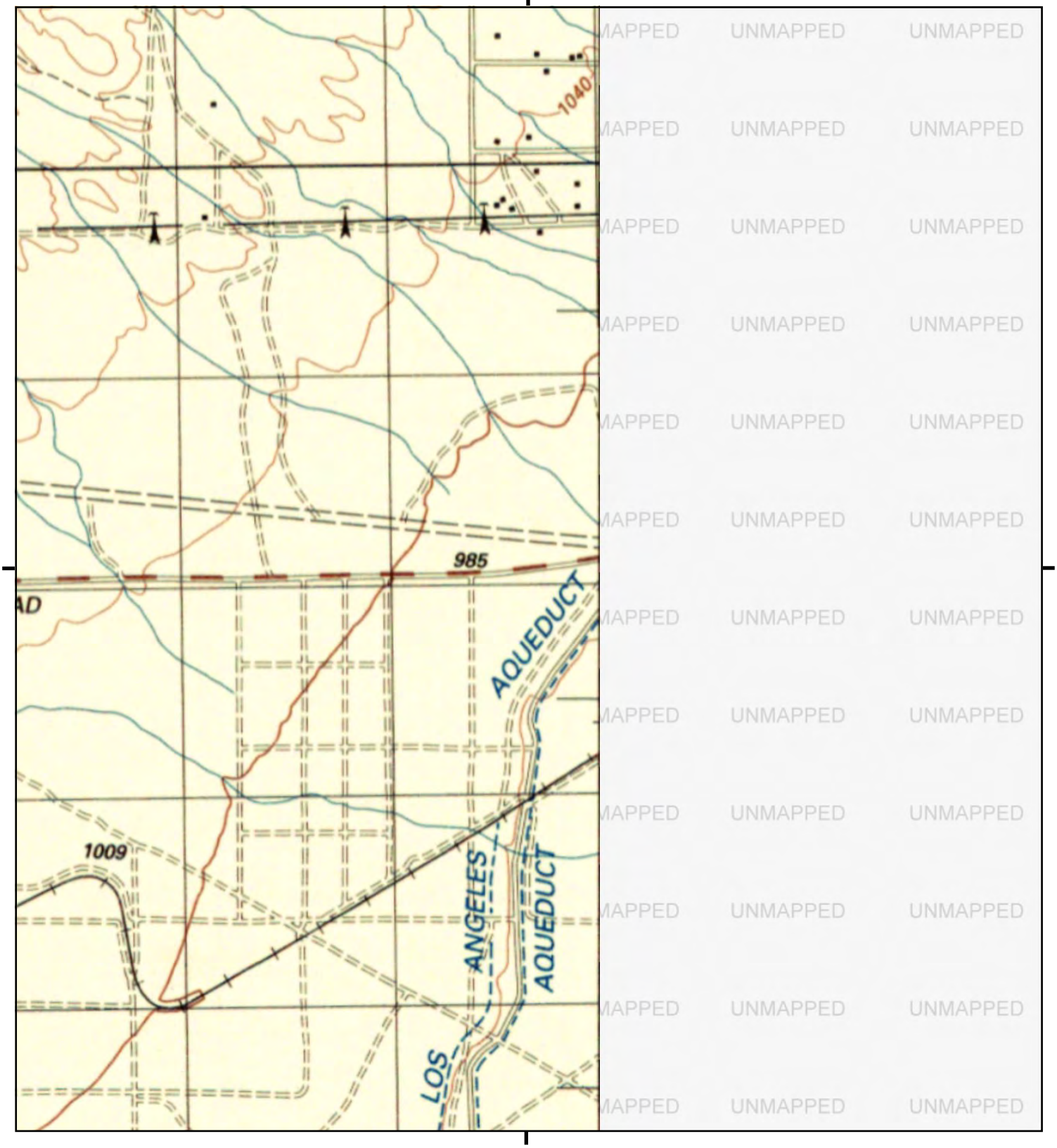
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1995, 7.5-minute
NE, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

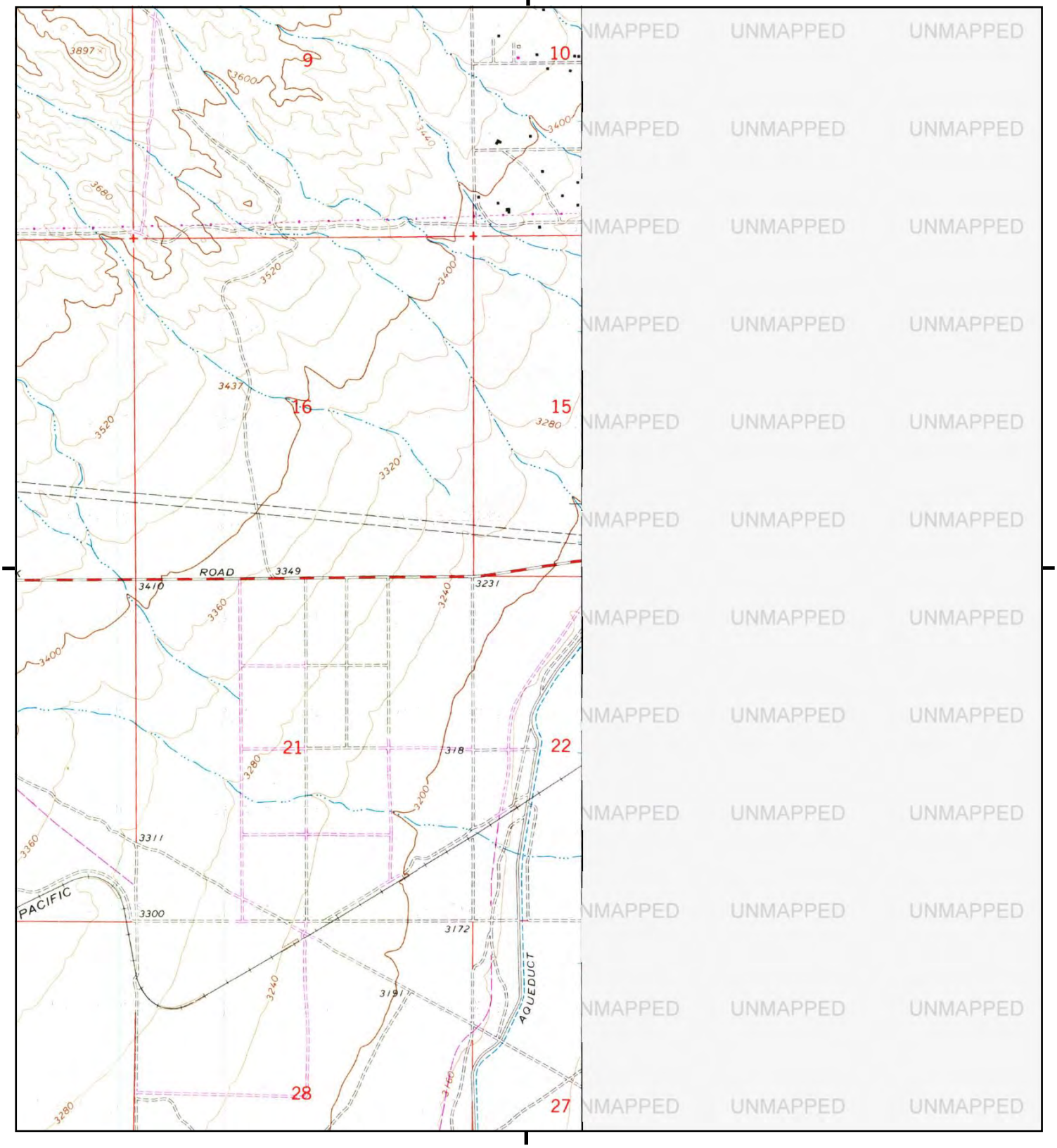
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, TEHACHAPI, 1983, 15-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

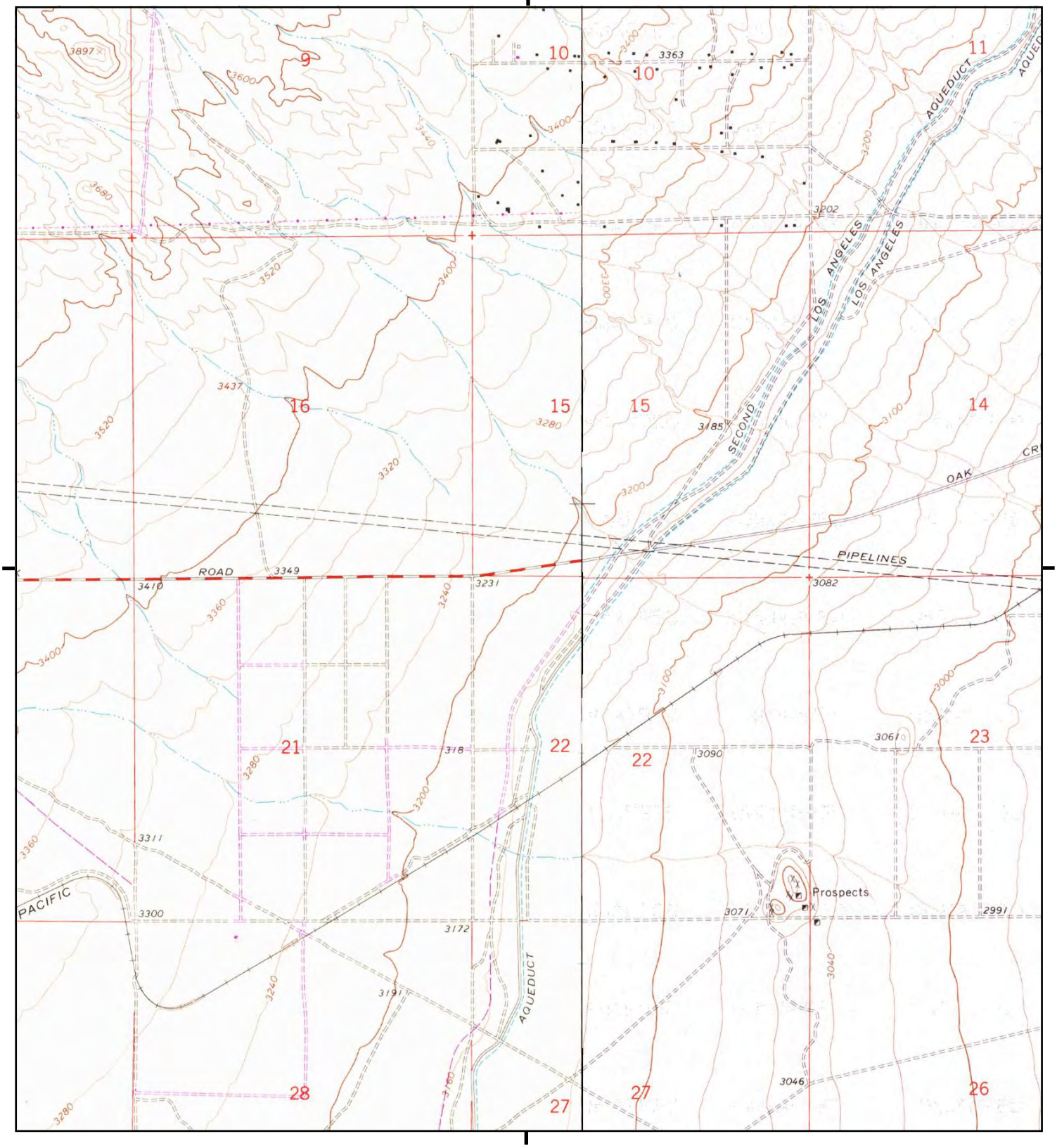
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1980, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

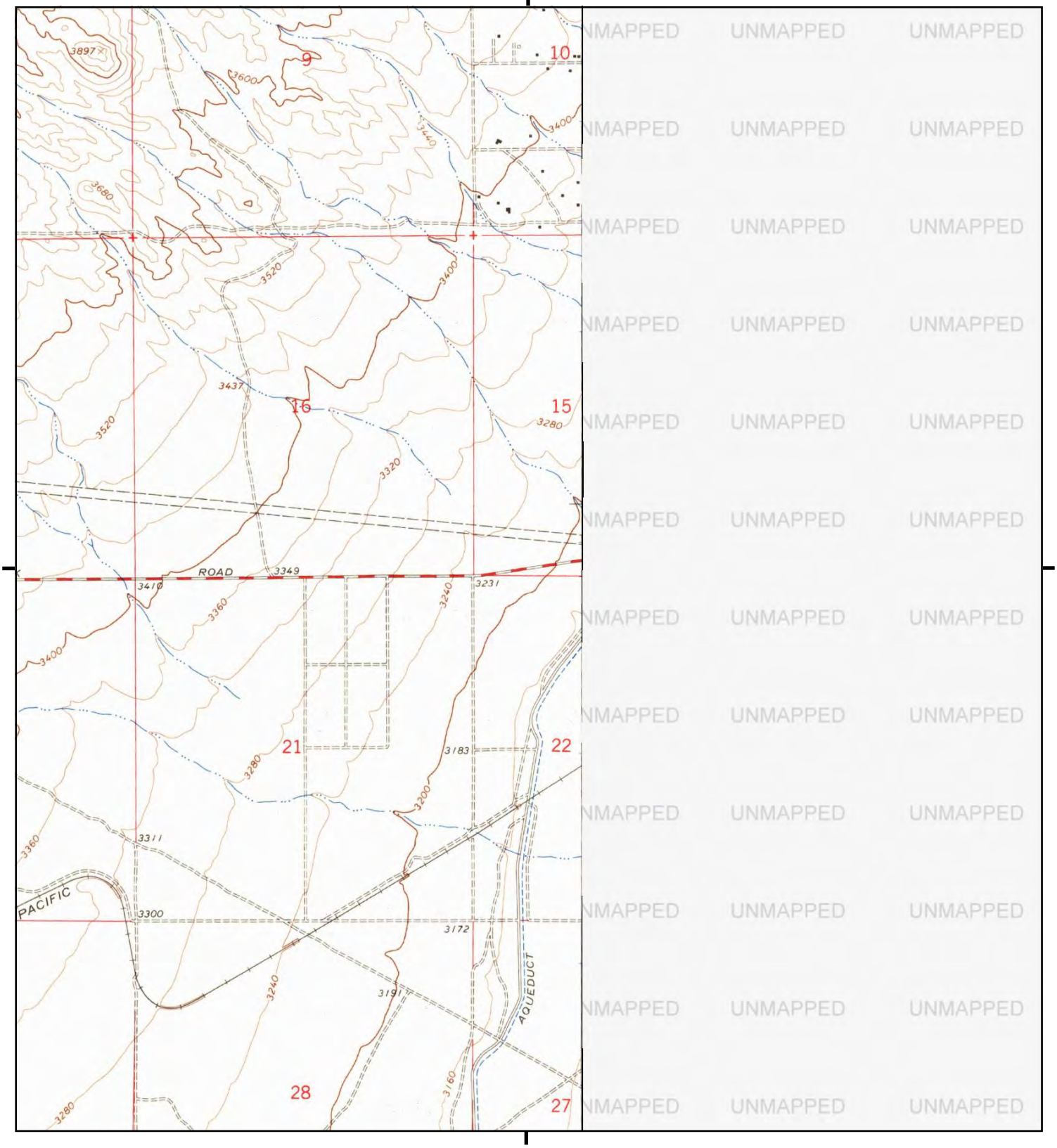
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1973, 7.5-minute
NE, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



UNMAPPED

This report includes information from the following map sheet(s).

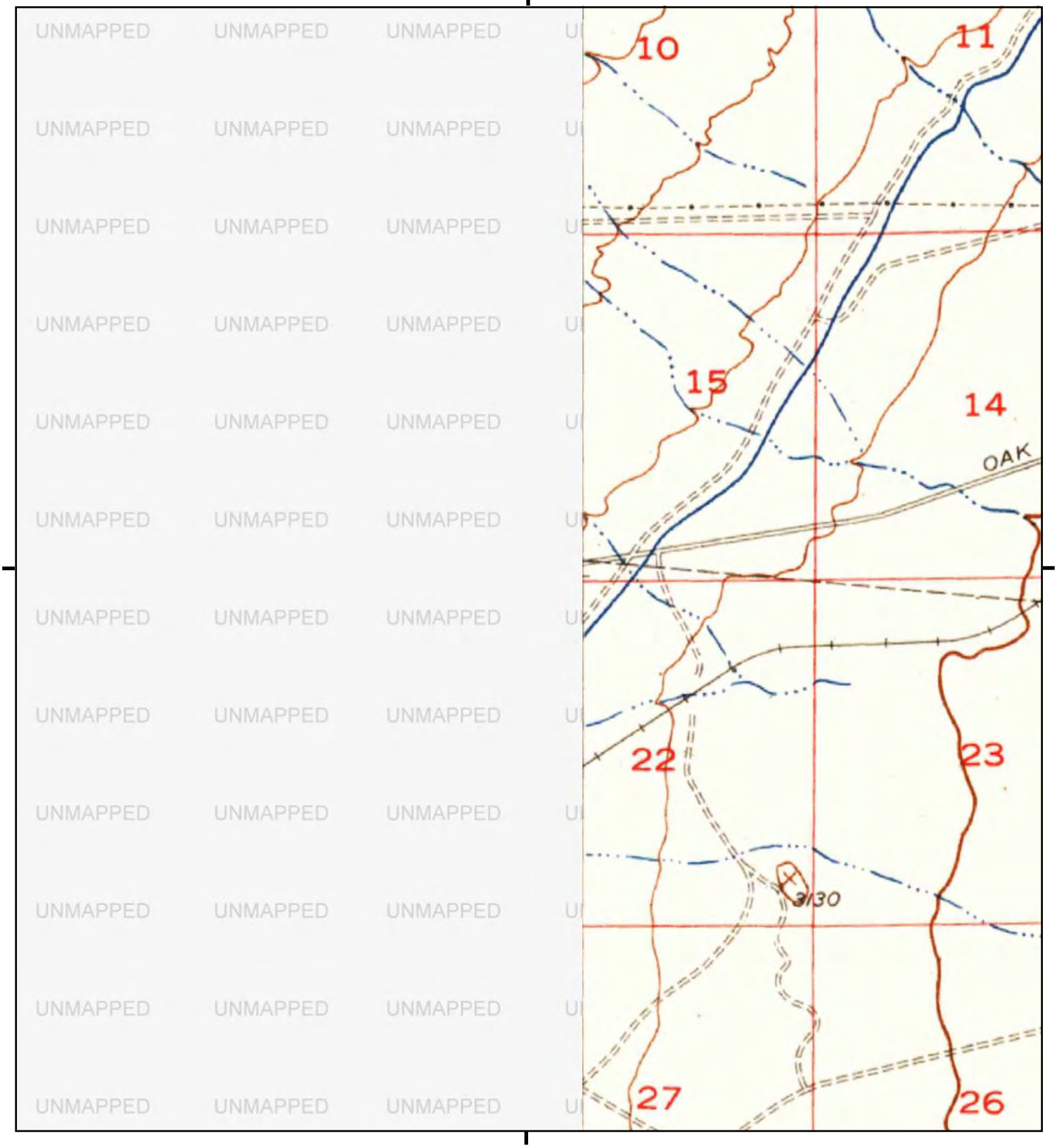
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Monolith, 1966, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

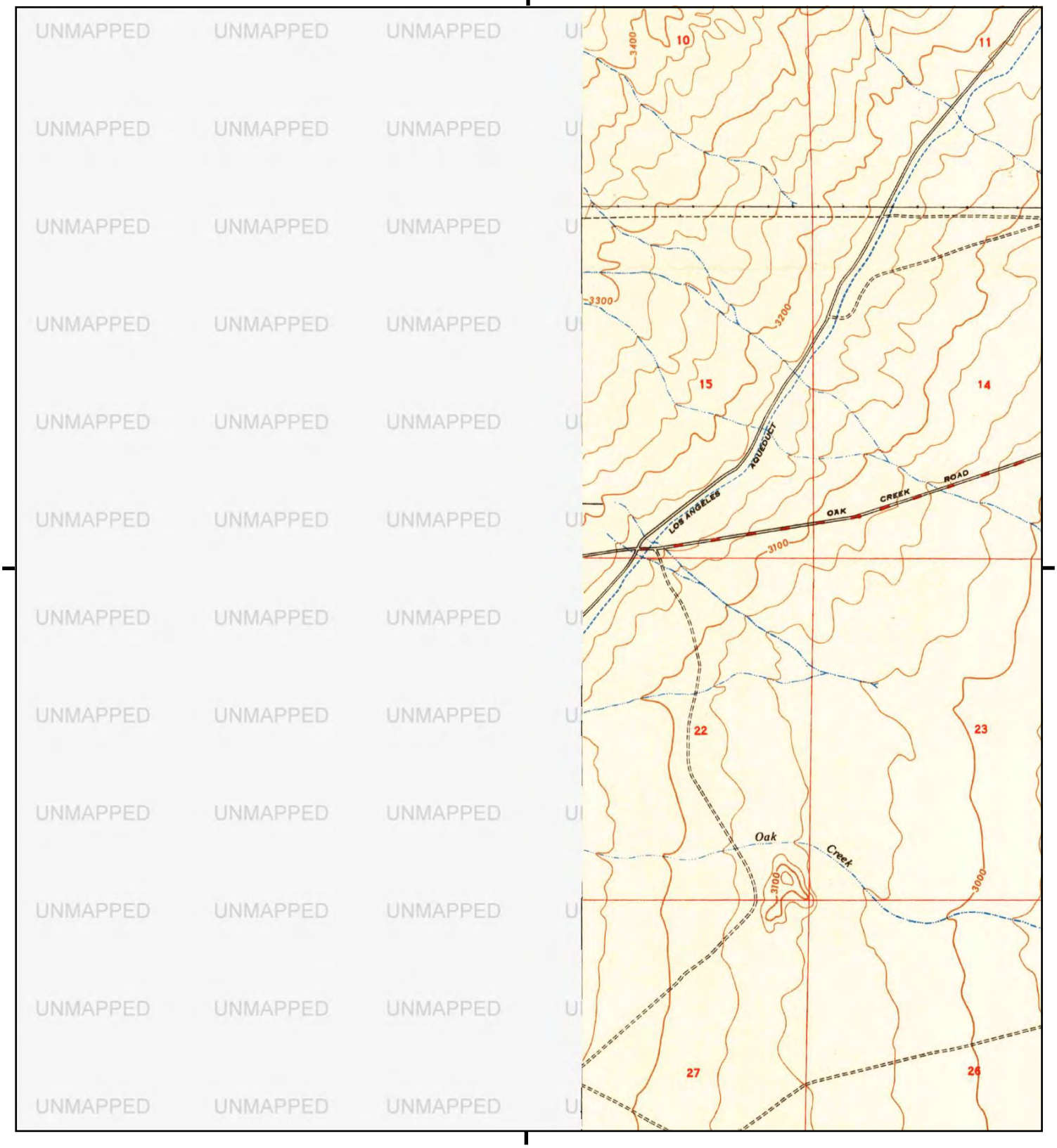
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Mojave, 1956, 15-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

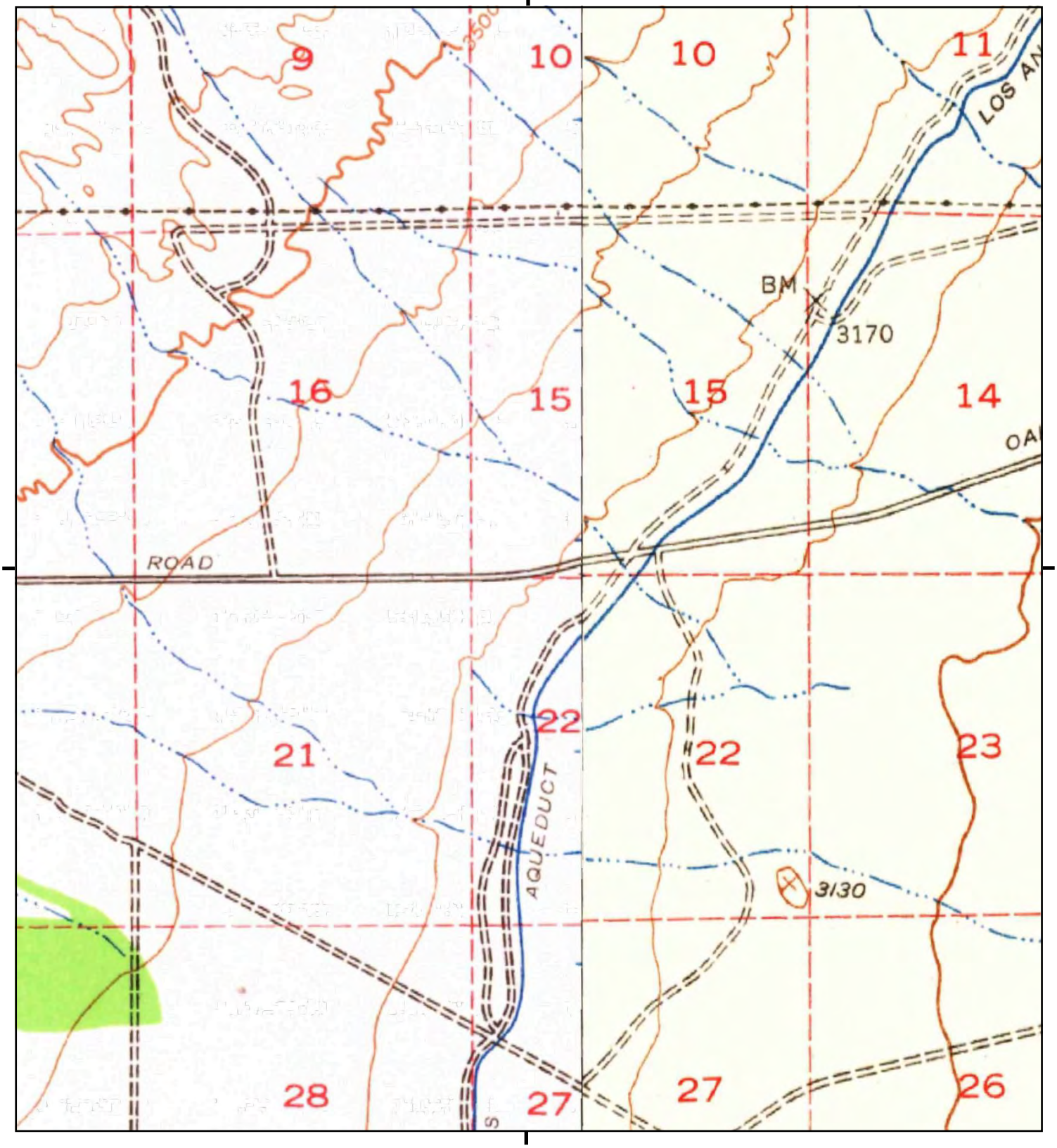
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

NE, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

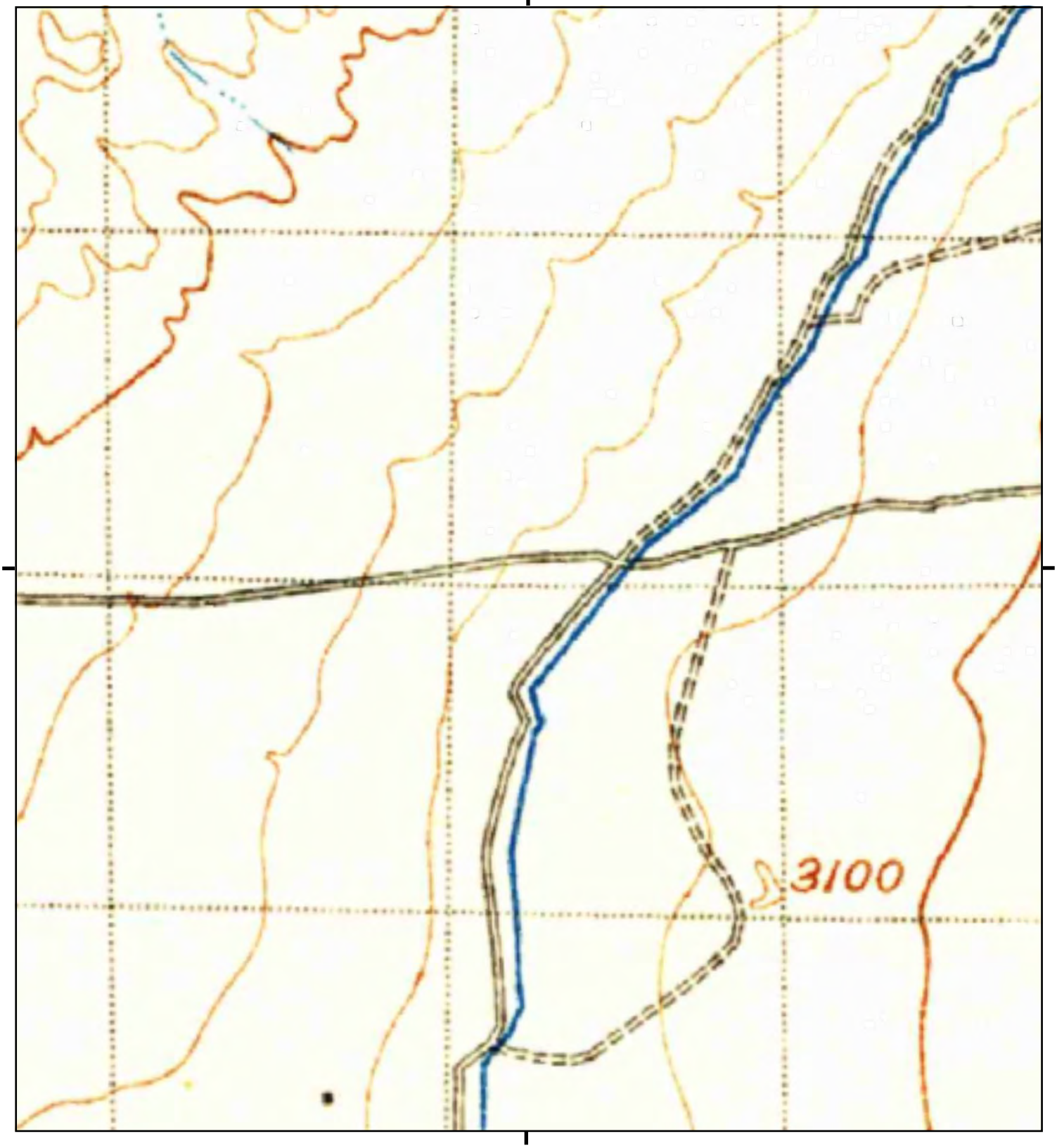
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Tehachapi, 1943, 15-minute
NE, Mojave, 1943, 15-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 4
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 5

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.5

August 27, 2019

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with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/27/19

Site Name:

Bellefield 5
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.5

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.039311 35° 2' 22" North
Longitude:	-118.203475 -118° 12' 13" West
UTM Zone:	Zone 11 North
UTM X Meters:	390230.69
UTM Y Meters:	3878064.46
Elevation:	2831.00' above sea level

Maps Provided:

2012
1995
1973
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000

1995 Source Sheets



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1973 Source Sheets



Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

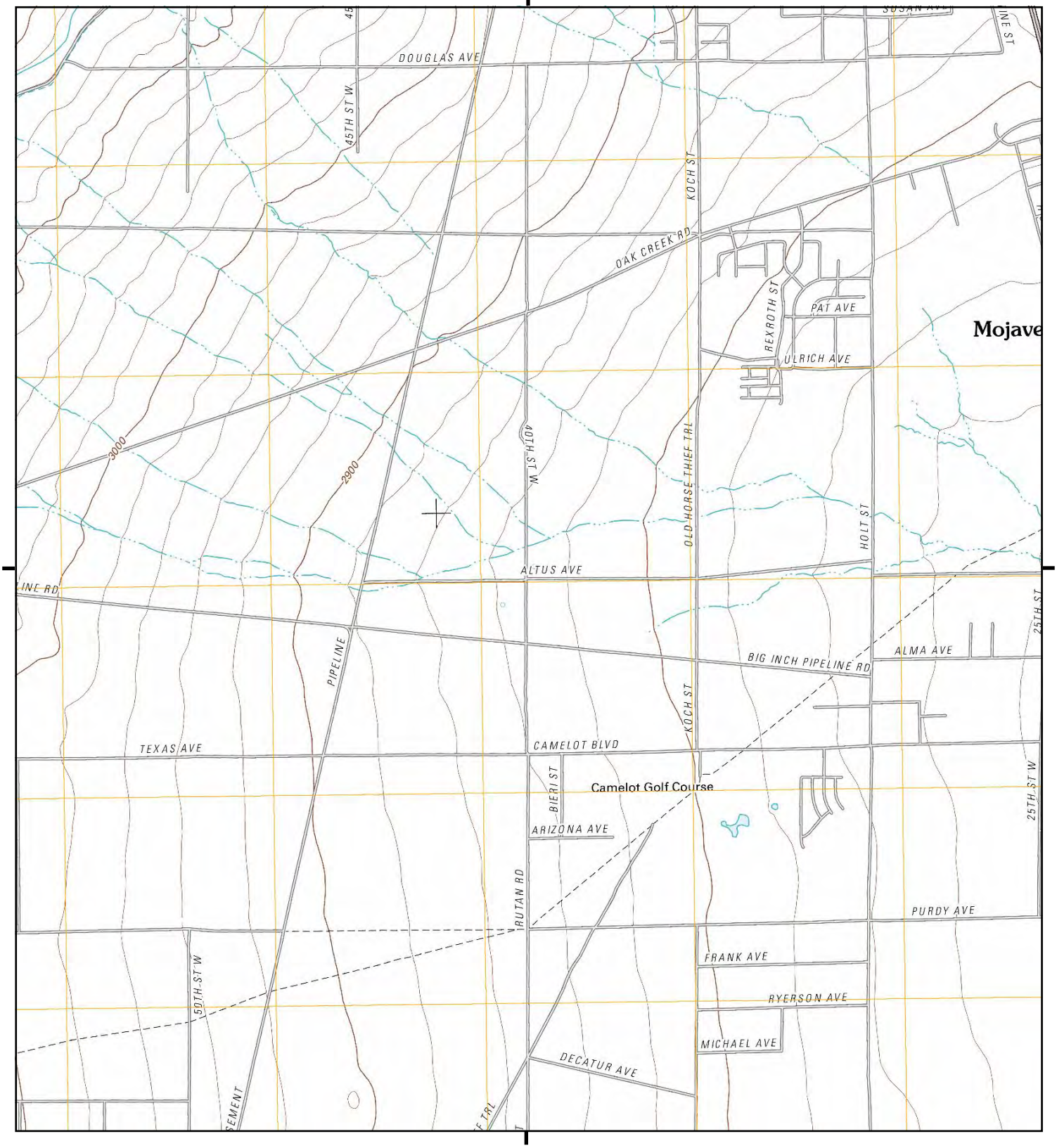
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

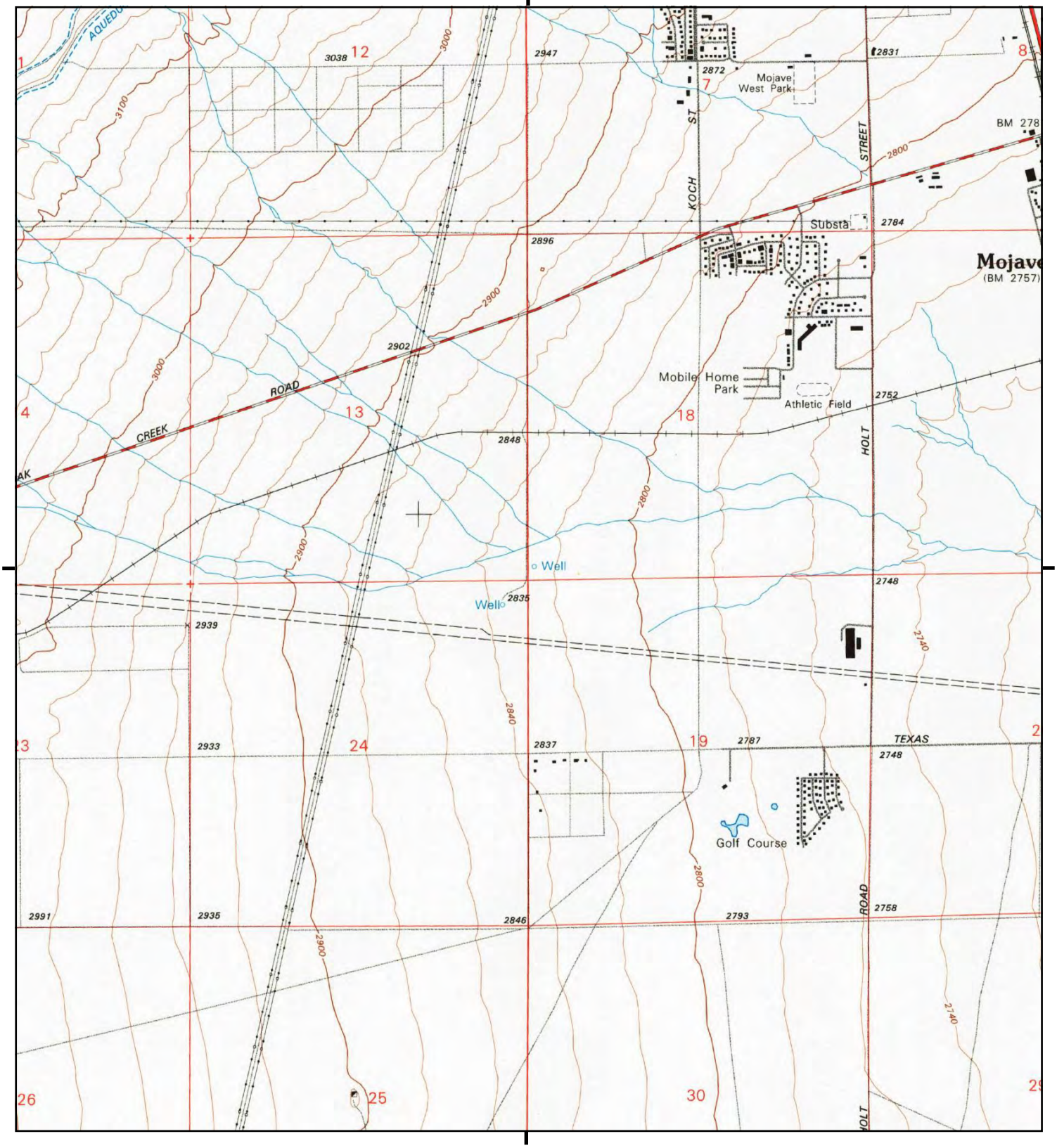
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

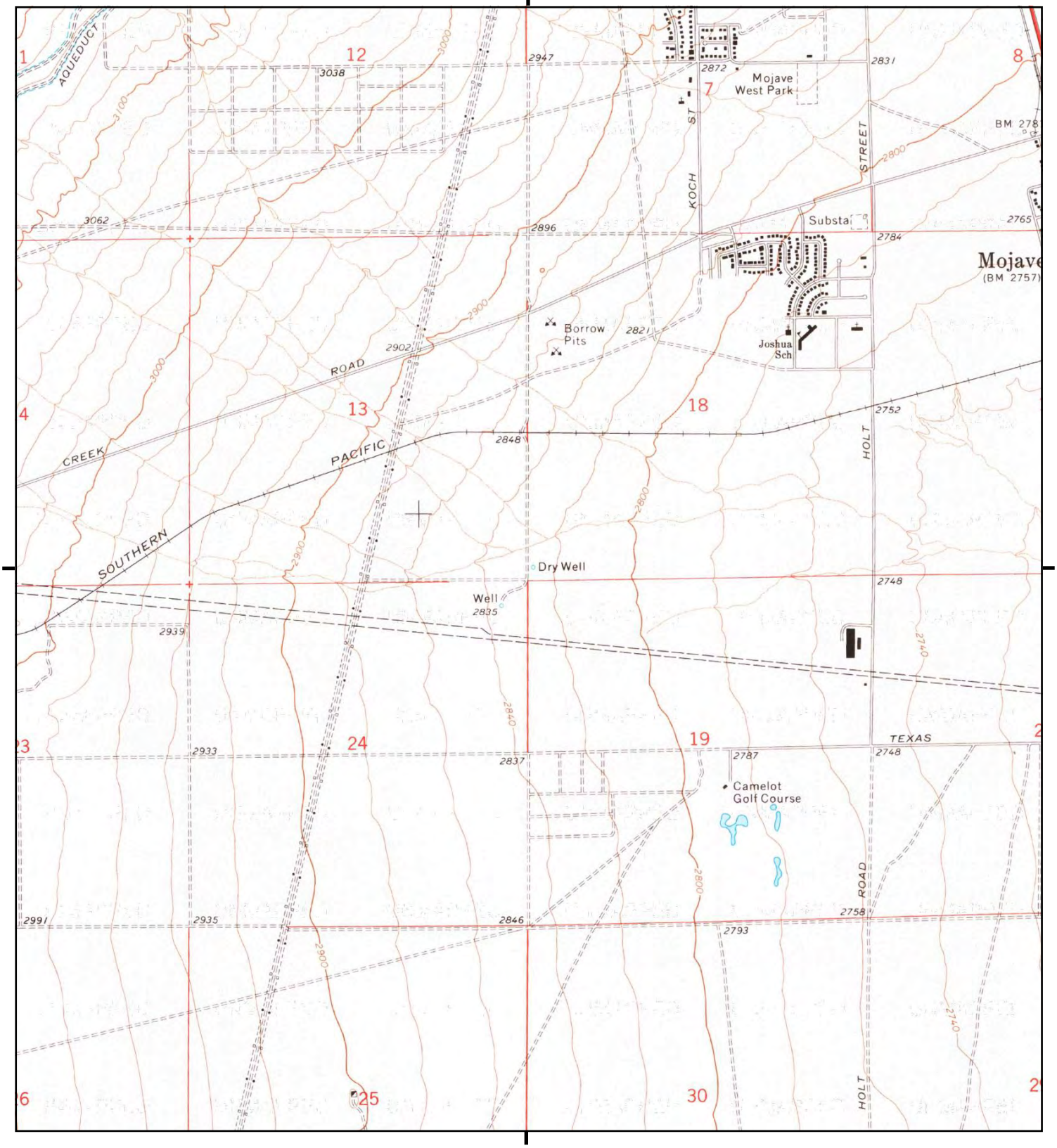
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

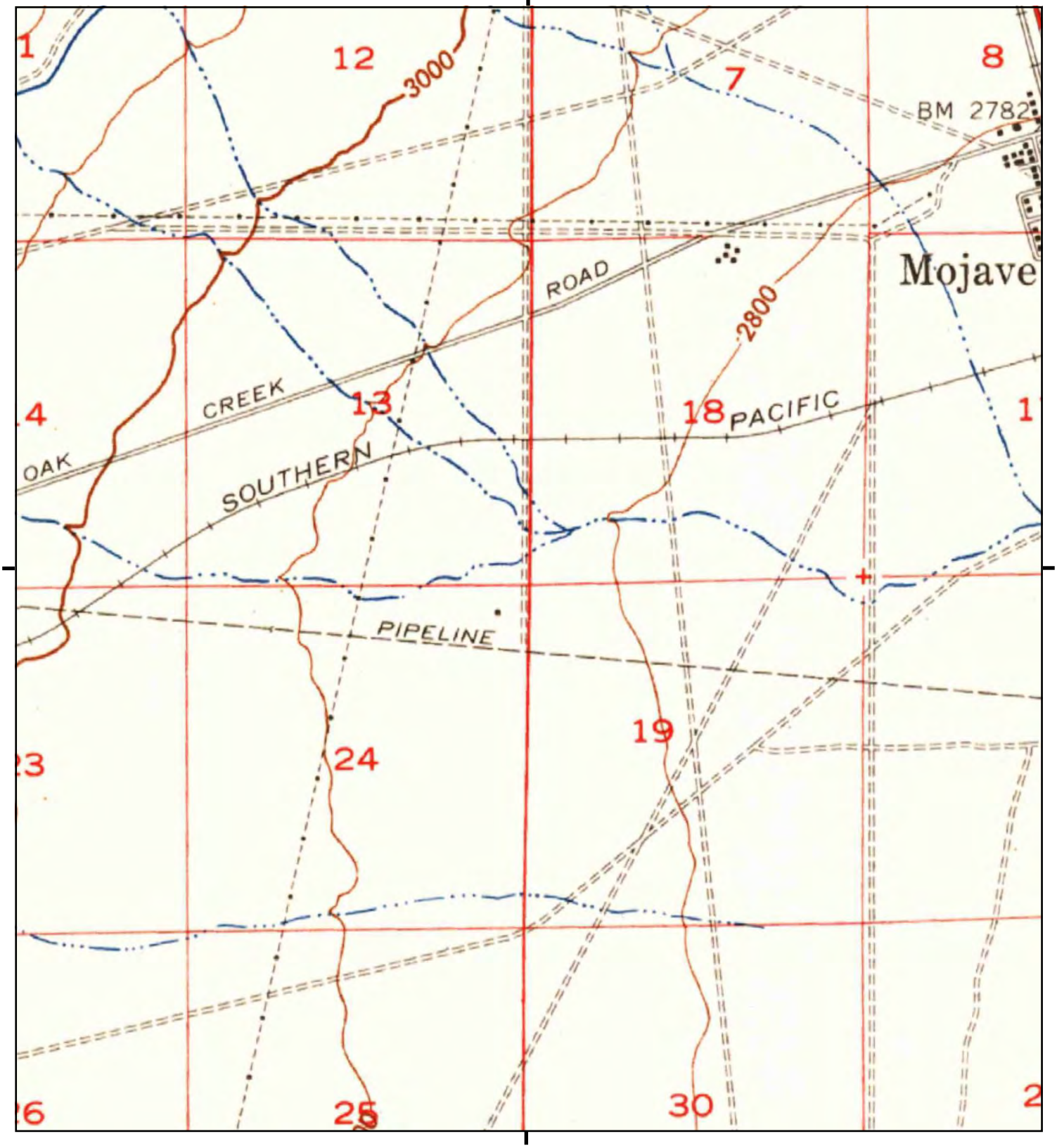
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

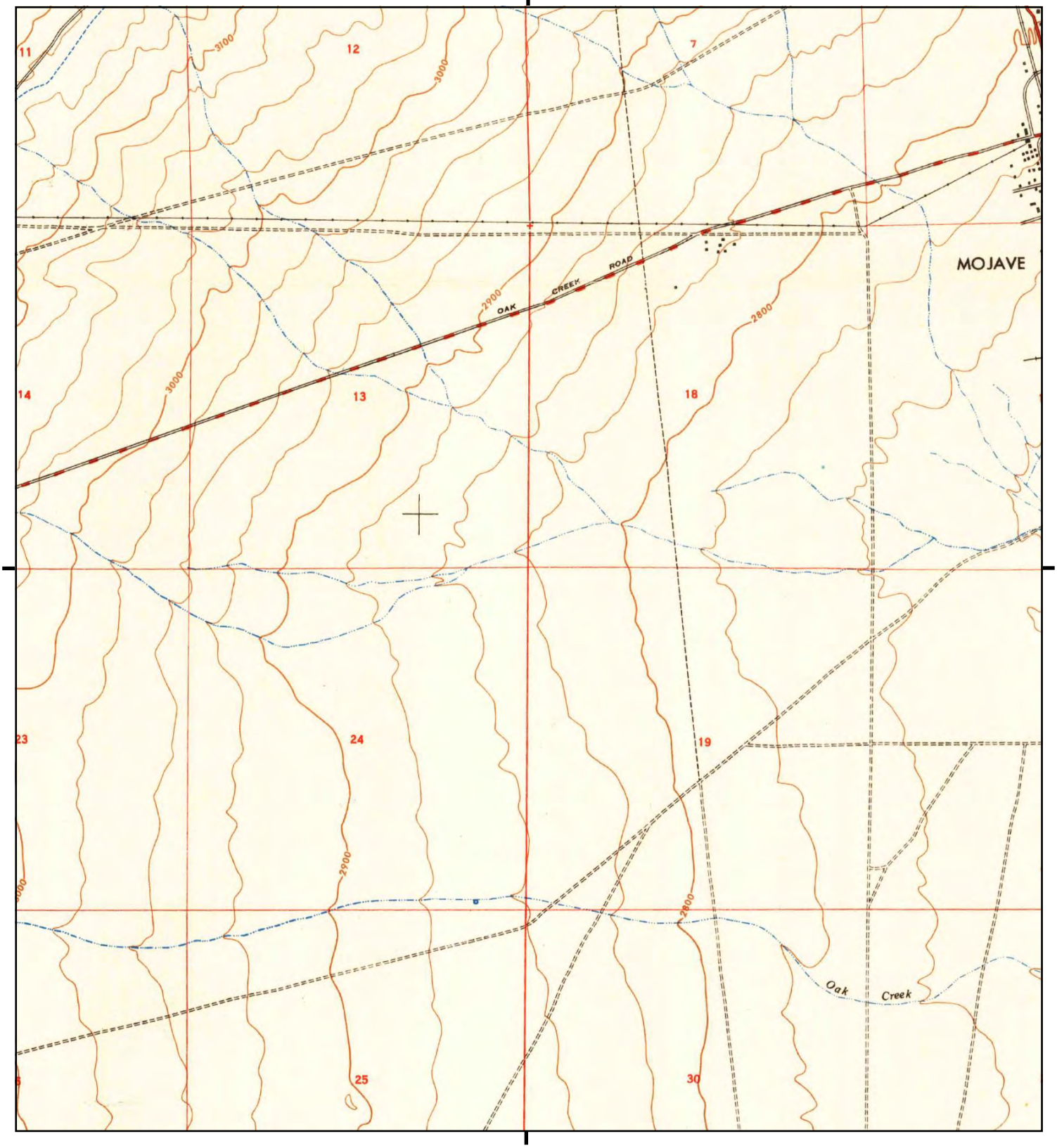
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

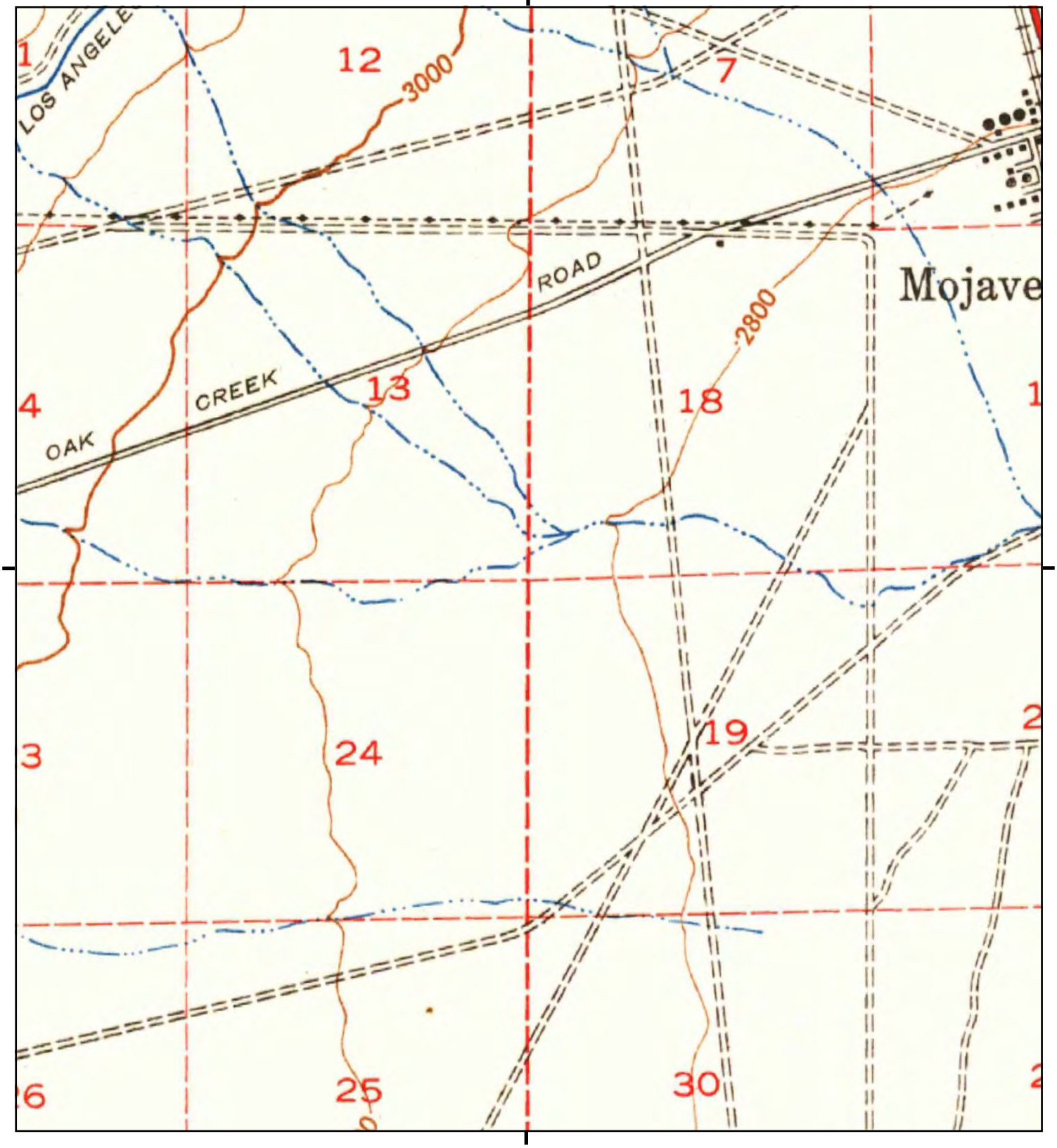
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

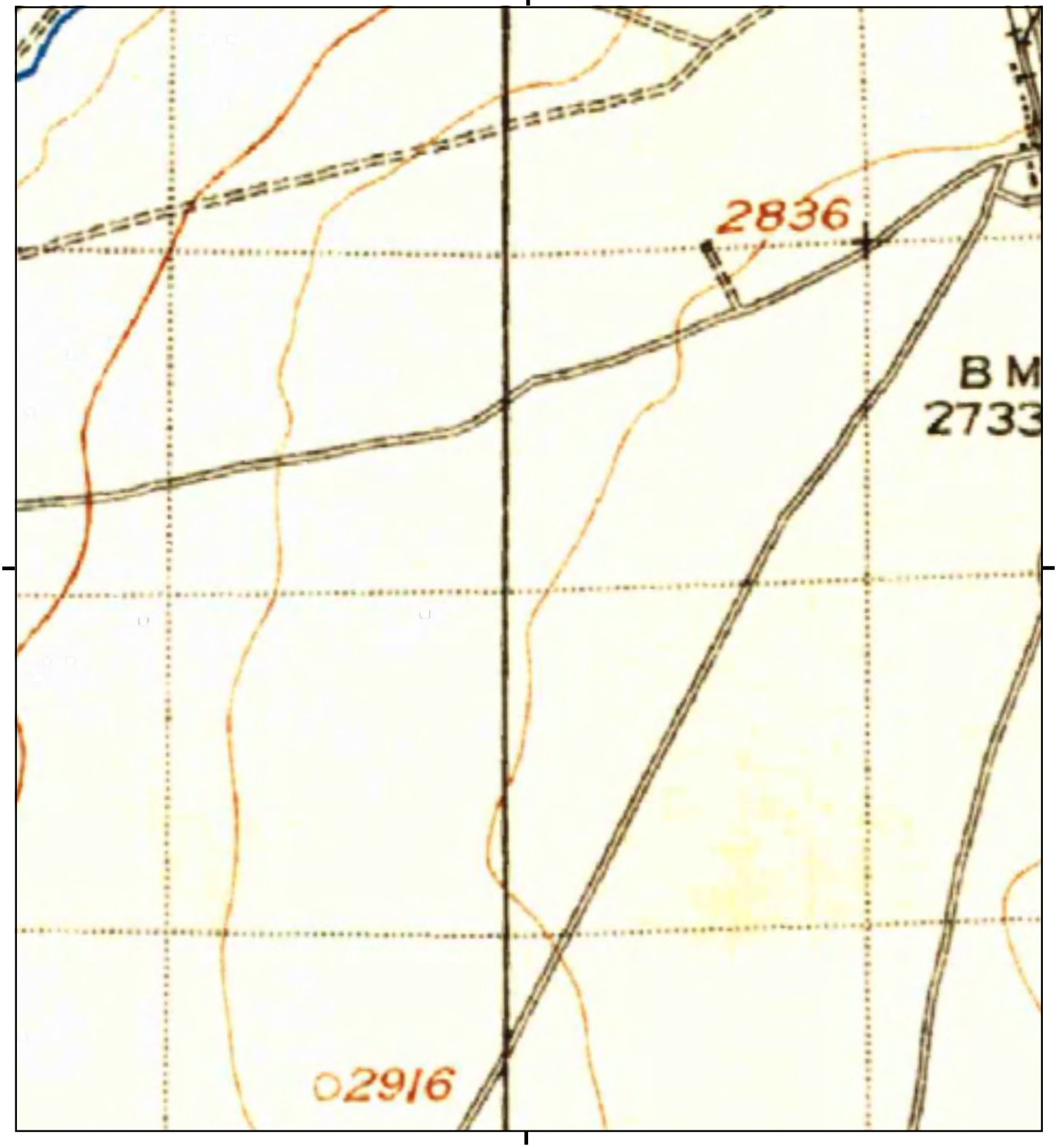
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 5
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 6

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.6

August 27, 2019

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

08/27/19

Site Name:

Bellefield 6
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.6

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.040194 35° 2' 25" North
Longitude:	-118.154449 -118° 9' 16" West
UTM Zone:	Zone 11 North
UTM X Meters:	394703.71
UTM Y Meters:	3878109.55
Elevation:	2703.00' above sea level

Maps Provided:

2012
1995
1973
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000

1995 Source Sheets



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1973 Source Sheets



Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

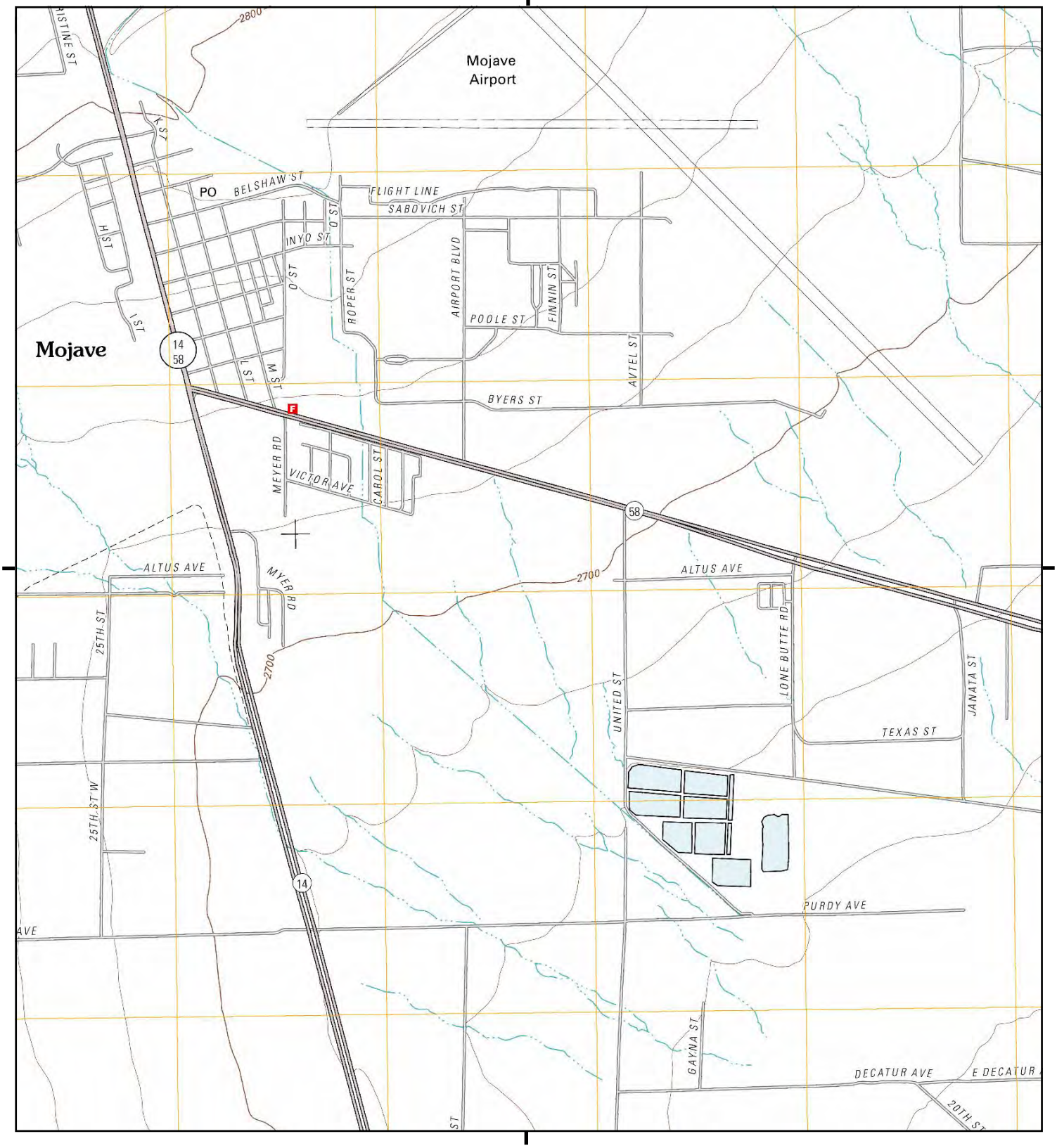
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

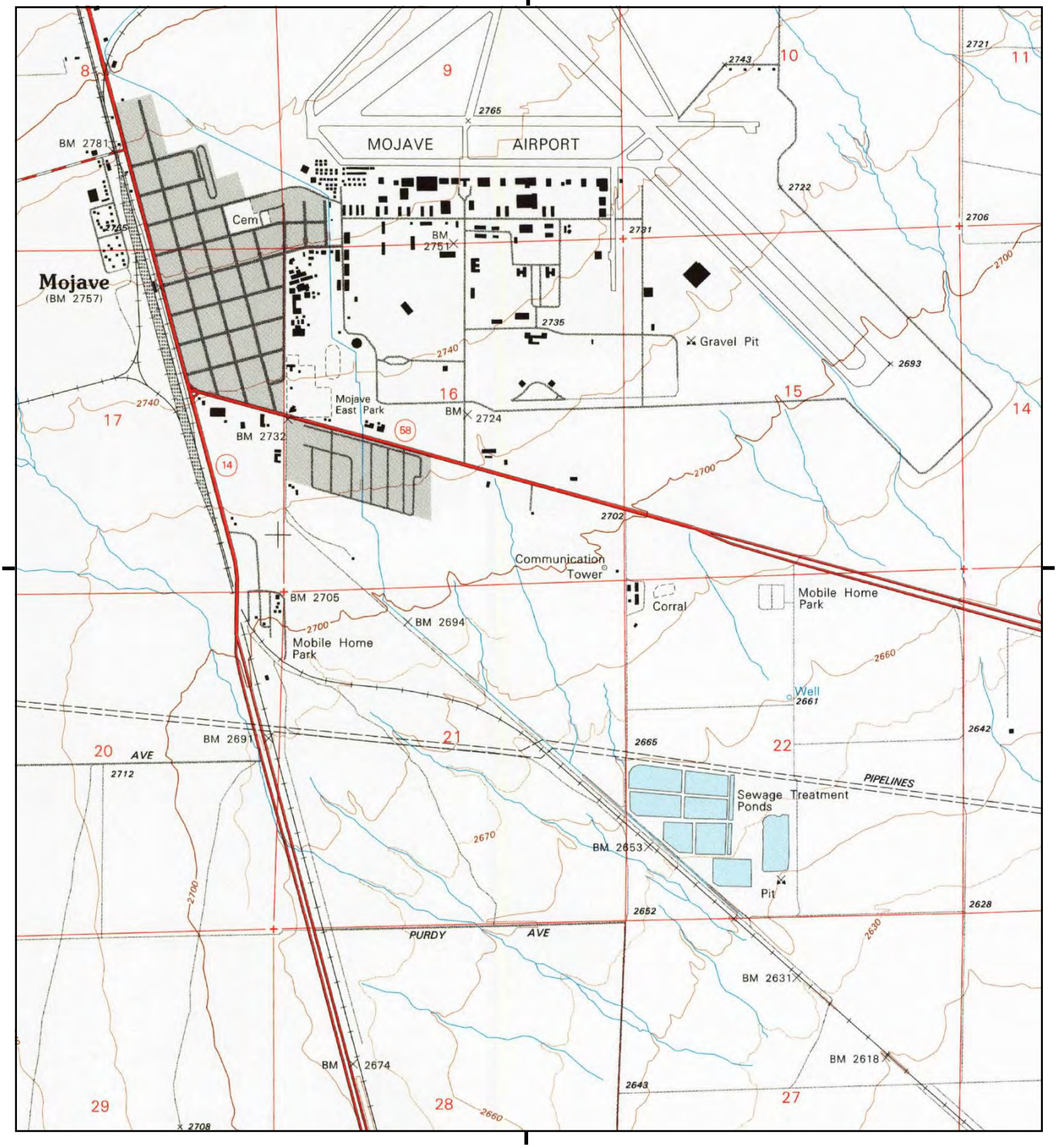
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

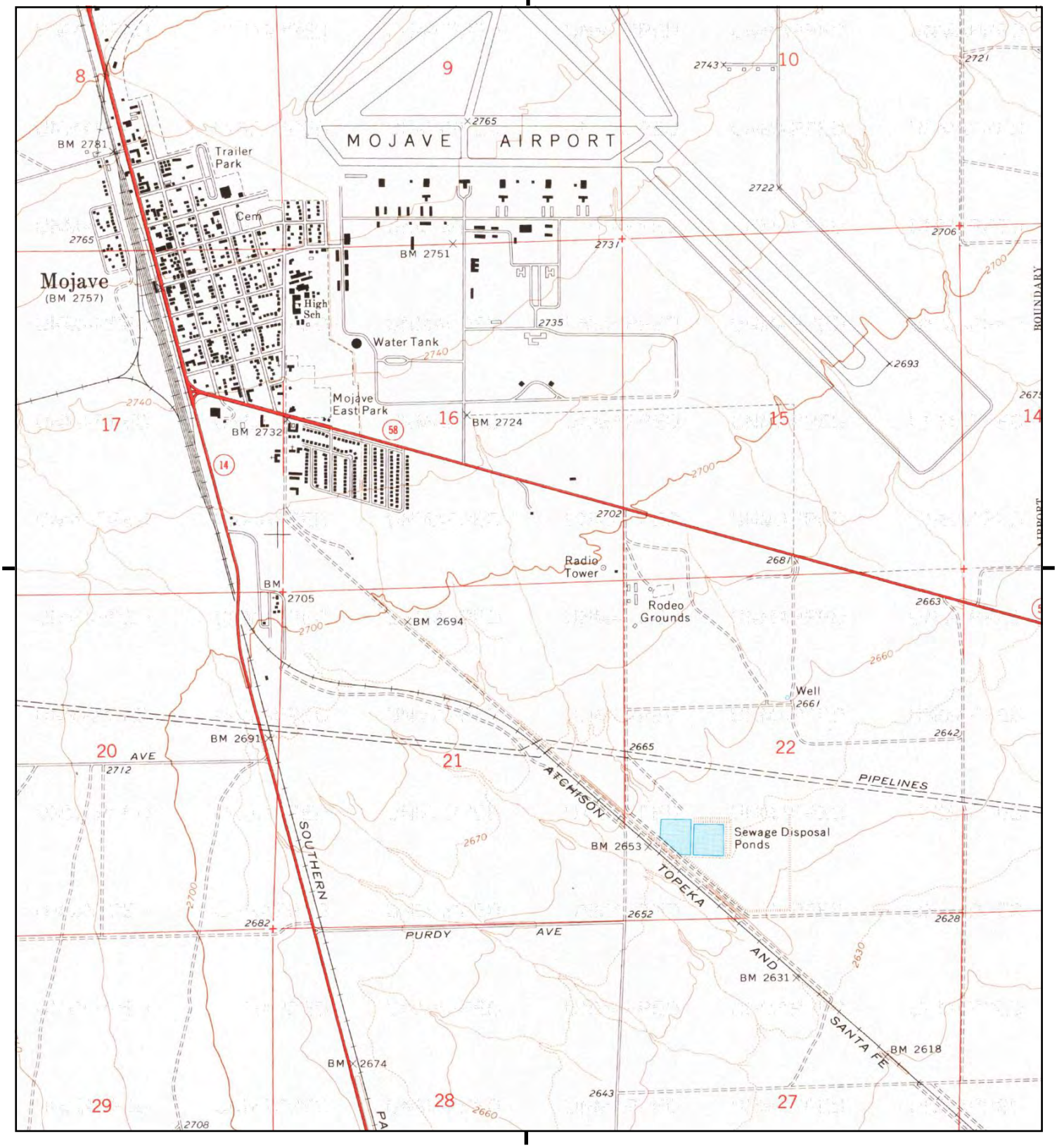
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

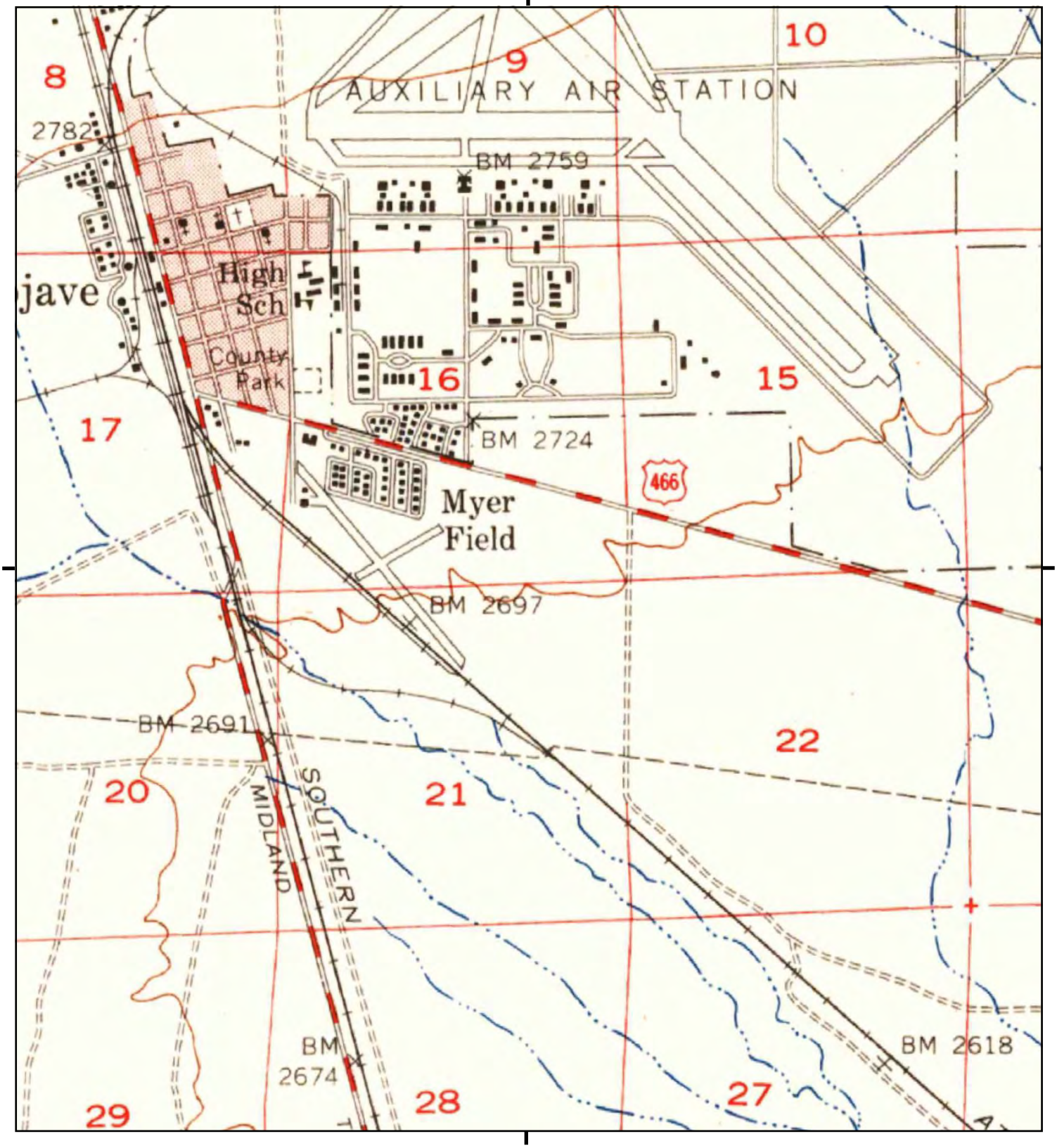
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1973, 7.5-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

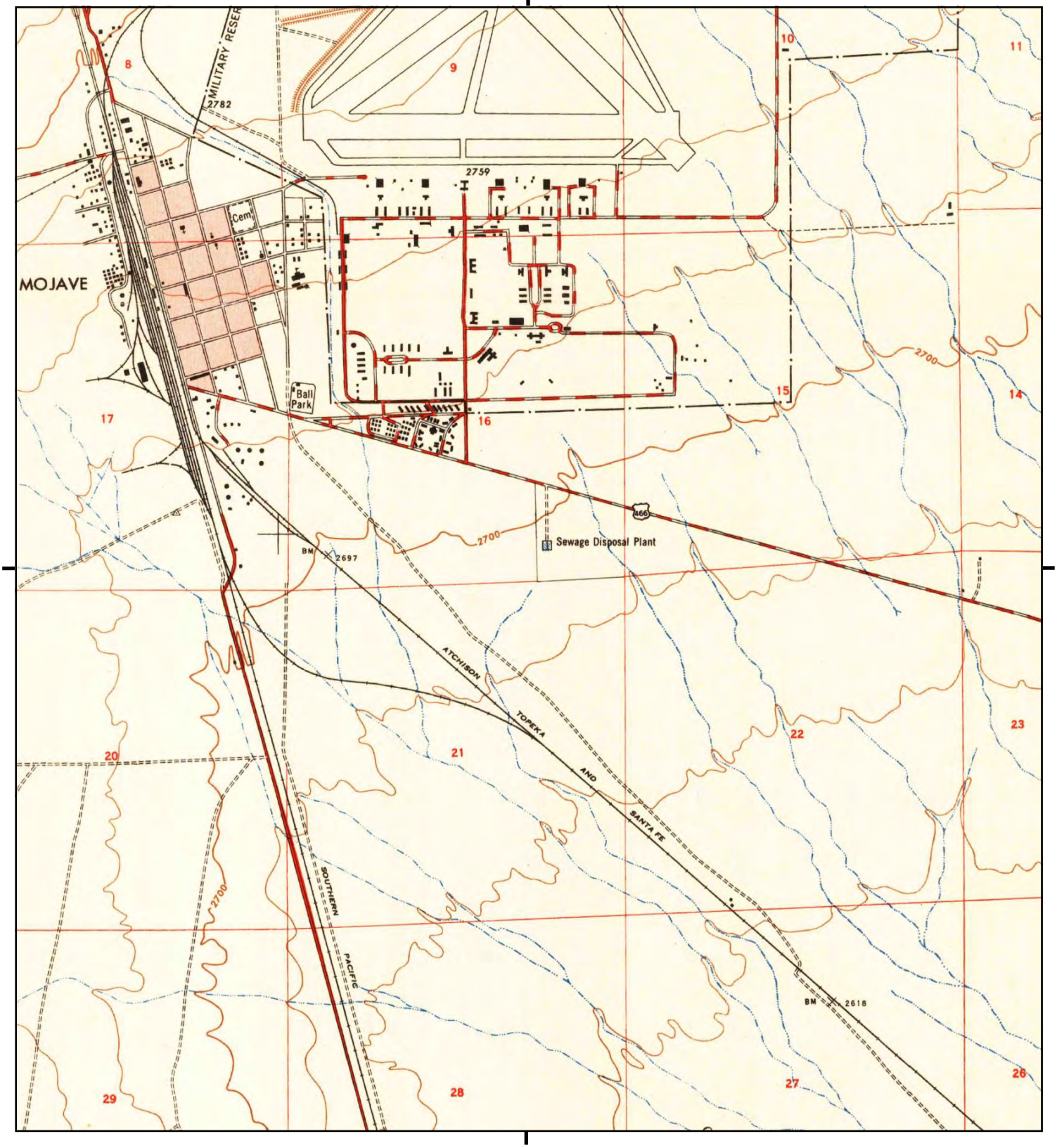
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

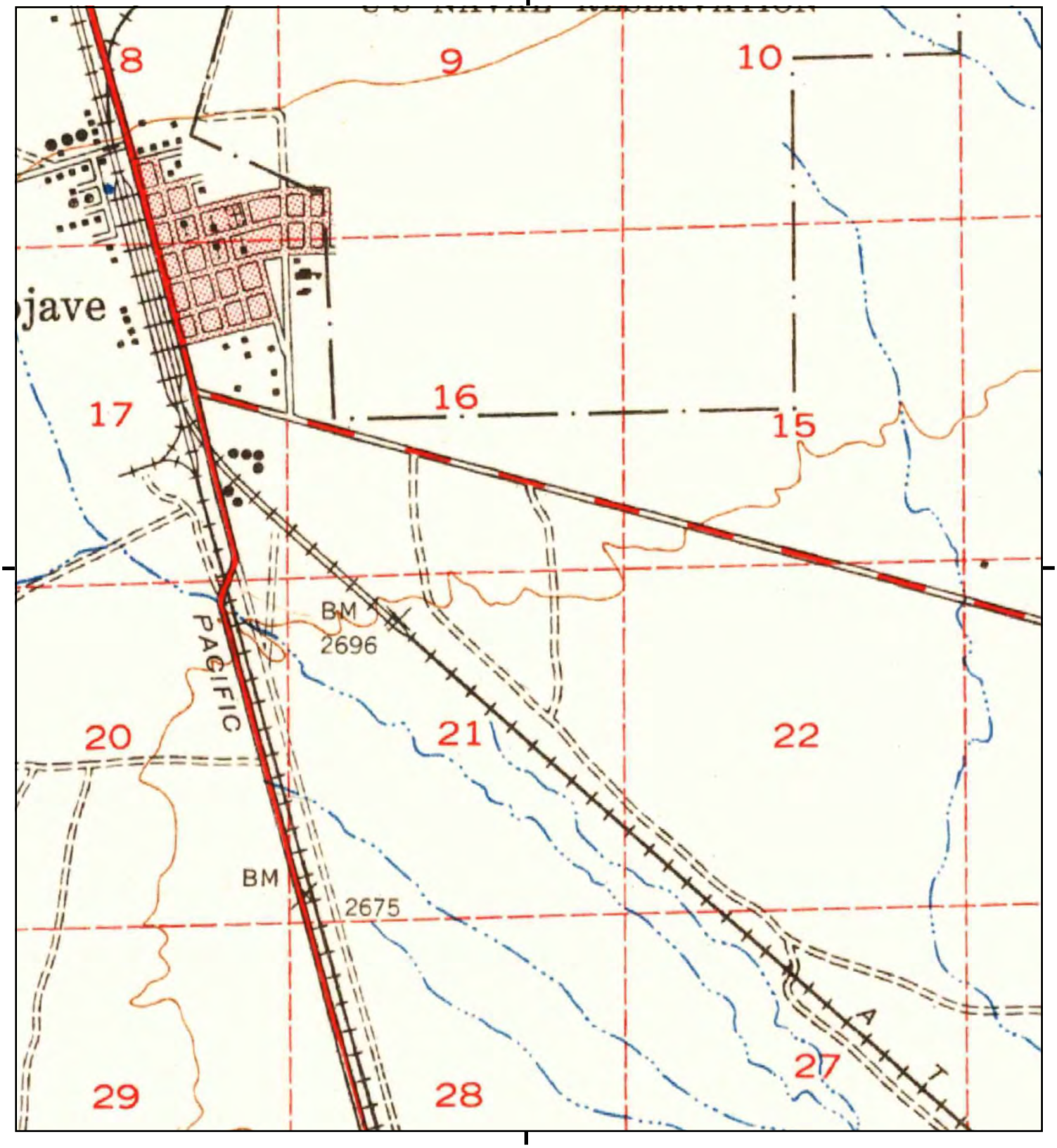
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

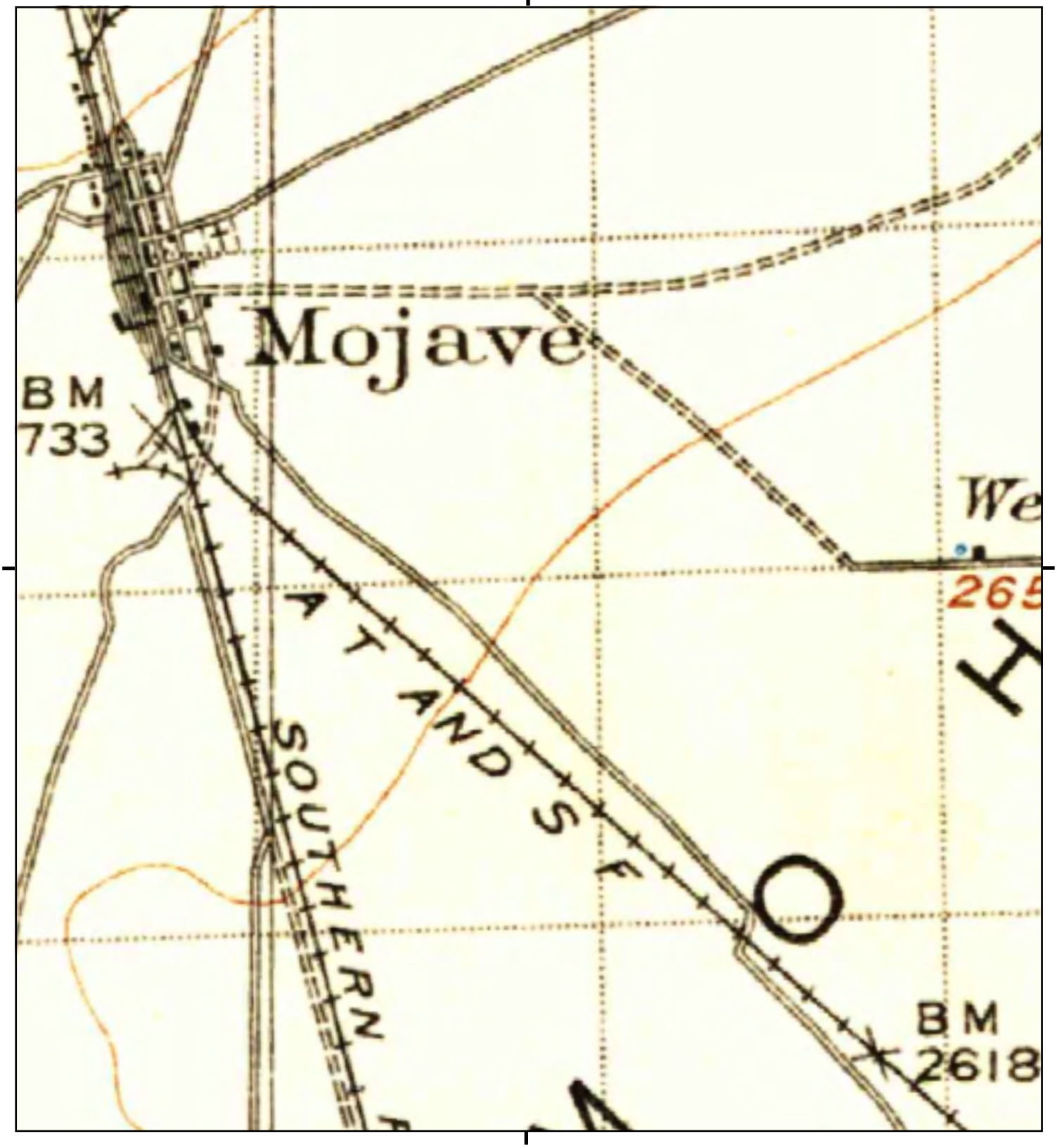
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 6
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 7

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.7

August 27, 2019

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

08/27/19

Site Name:

Bellefield 7
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.7

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EDR Production Test Acct 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. EDRs 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:

P.O.#

Project:

Coordinates:

Latitude:	35.040768 35° 2' 27" North
Longitude:	-118.10673 -118° 6' 24" West
UTM Zone:	Zone 11 North
UTM X Meters:	399057.01
UTM Y Meters:	3878123.89
Elevation:	2632.00' above sea level

Maps Provided:

2012
1994, 1995
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Mojave
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

1994, 1995 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

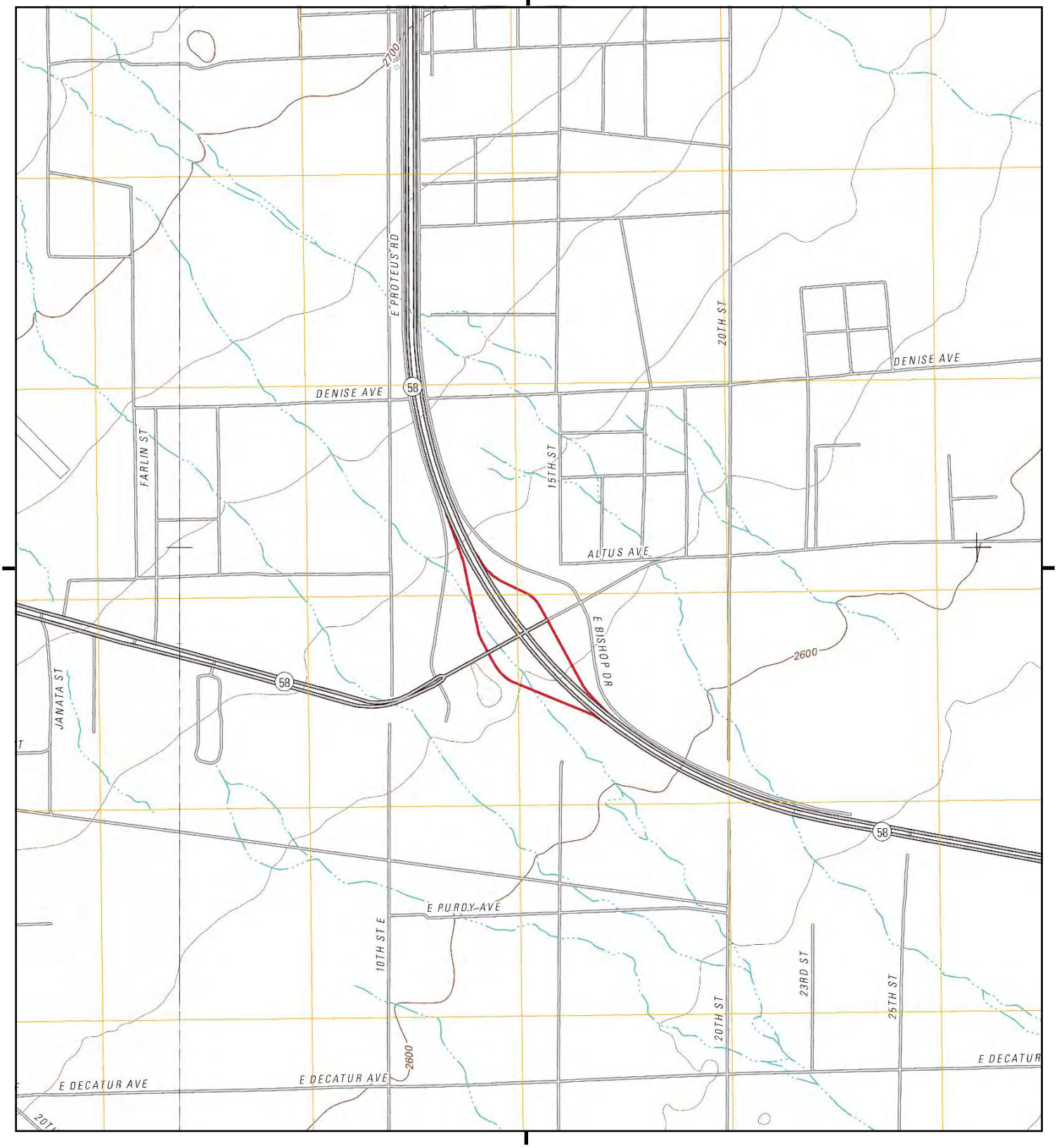
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

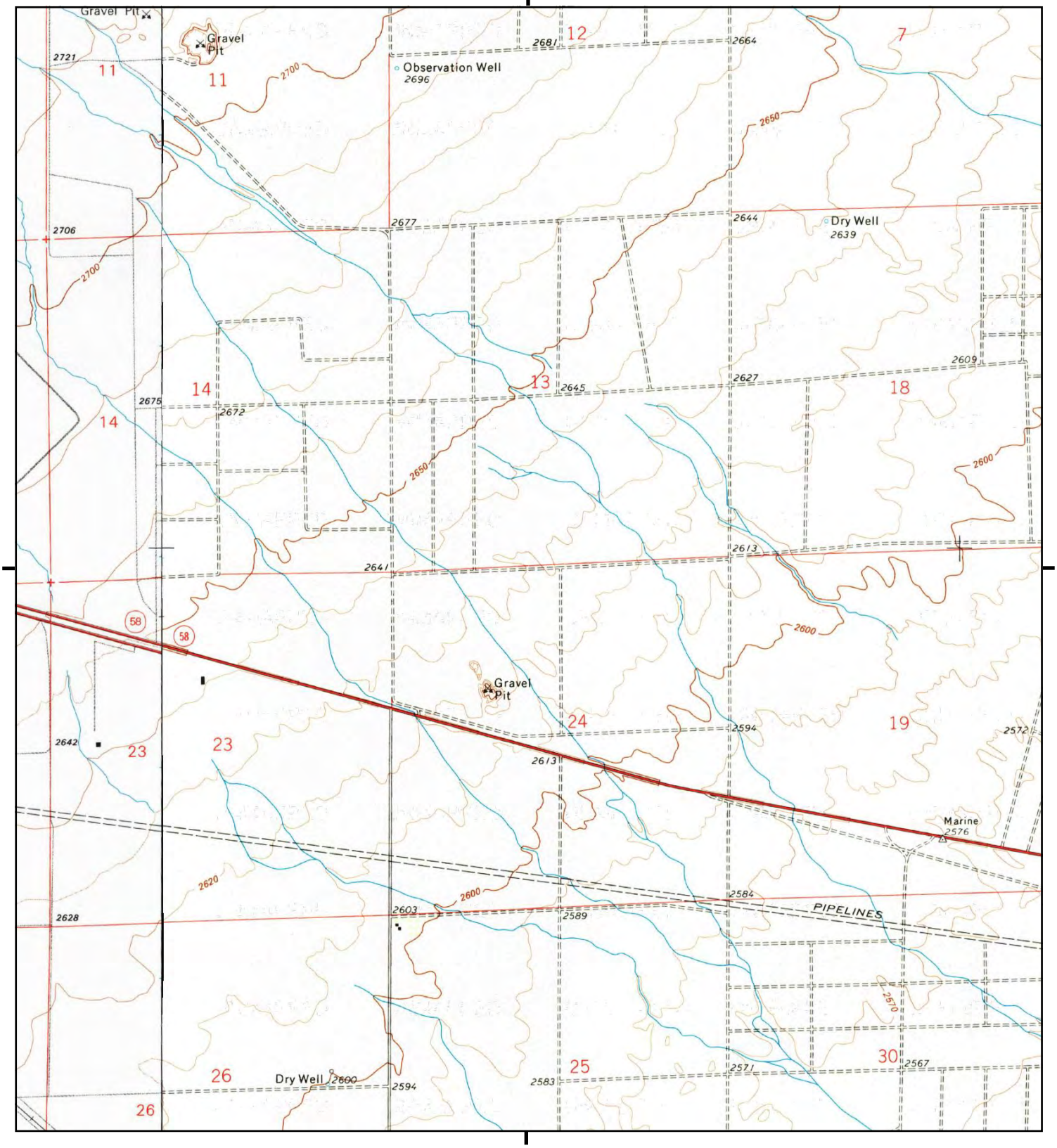
TP, Sanborn, 2012, 7.5-minute
W, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1994, 1995



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

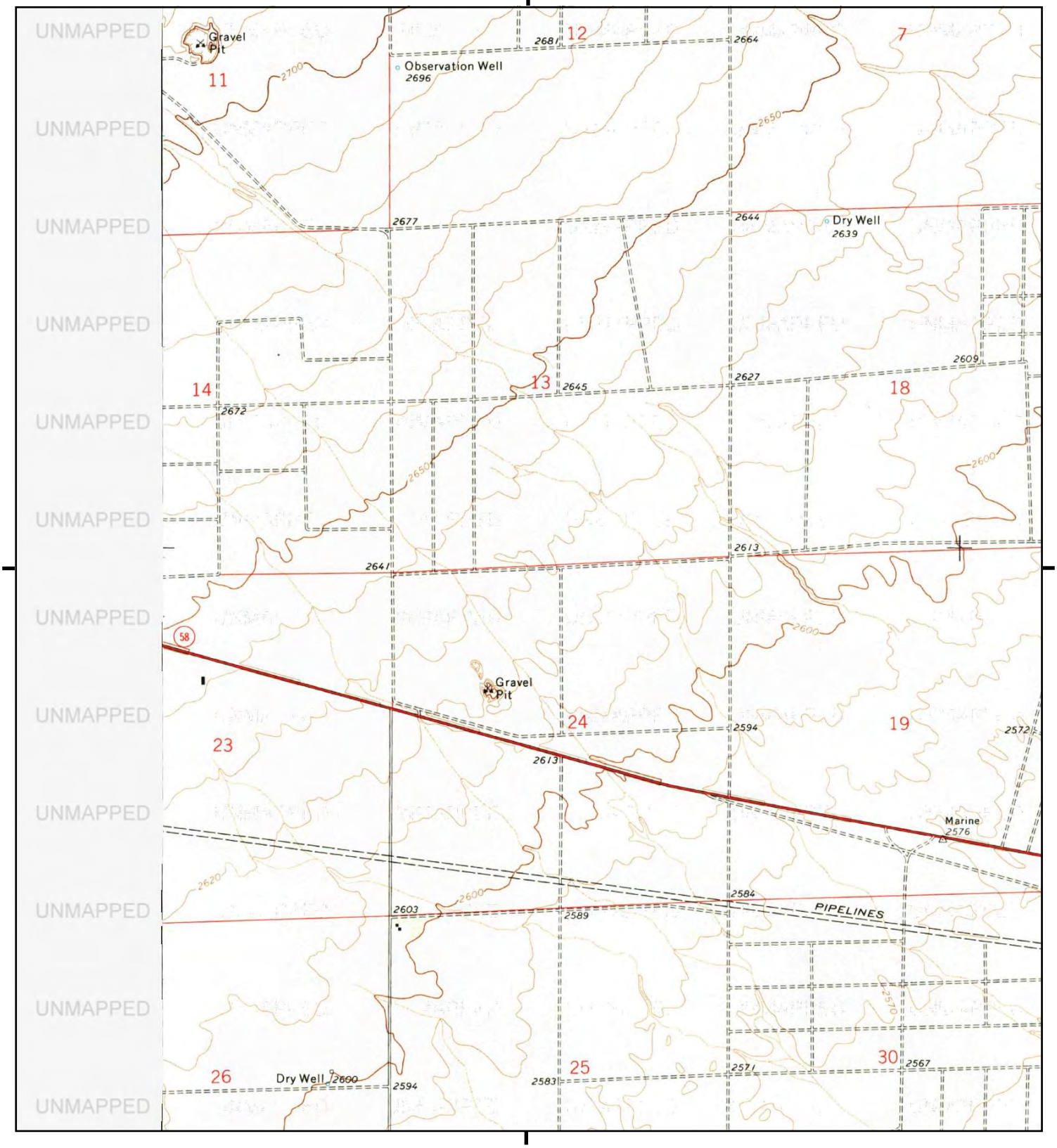
TP, Sanborn, 1994, 7.5-minute
W, Mojave, 1995, 7.5-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

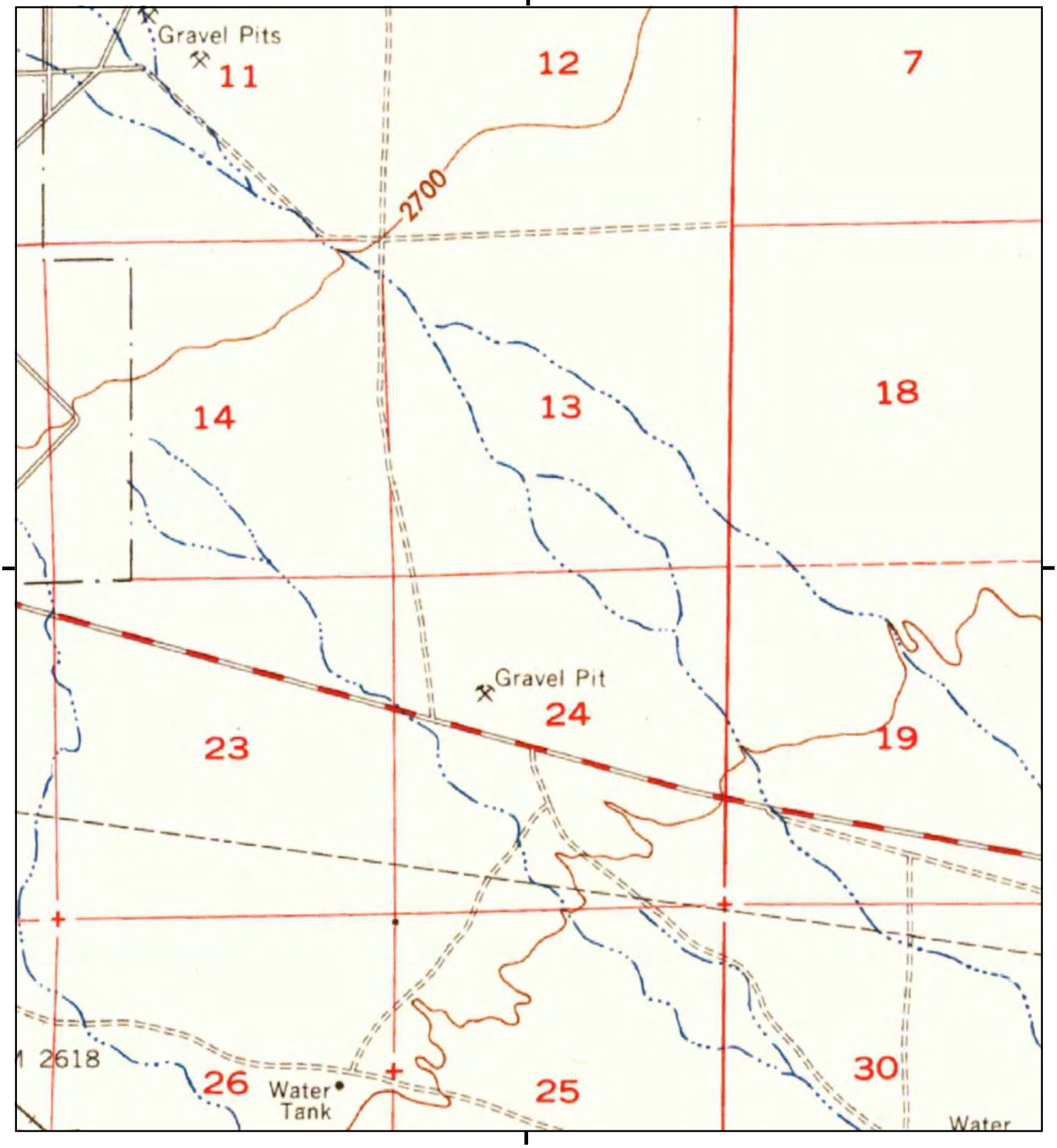
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

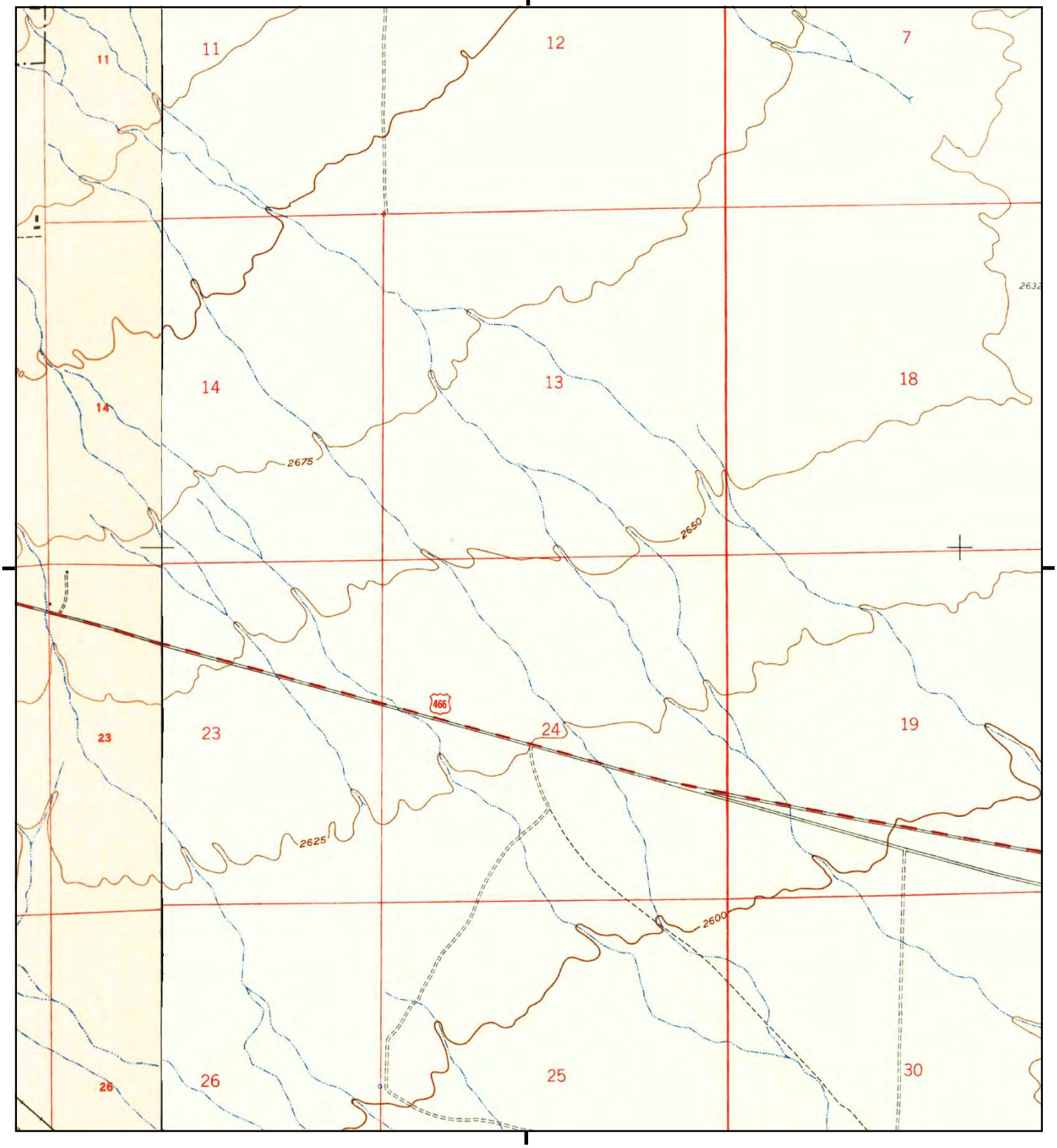
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

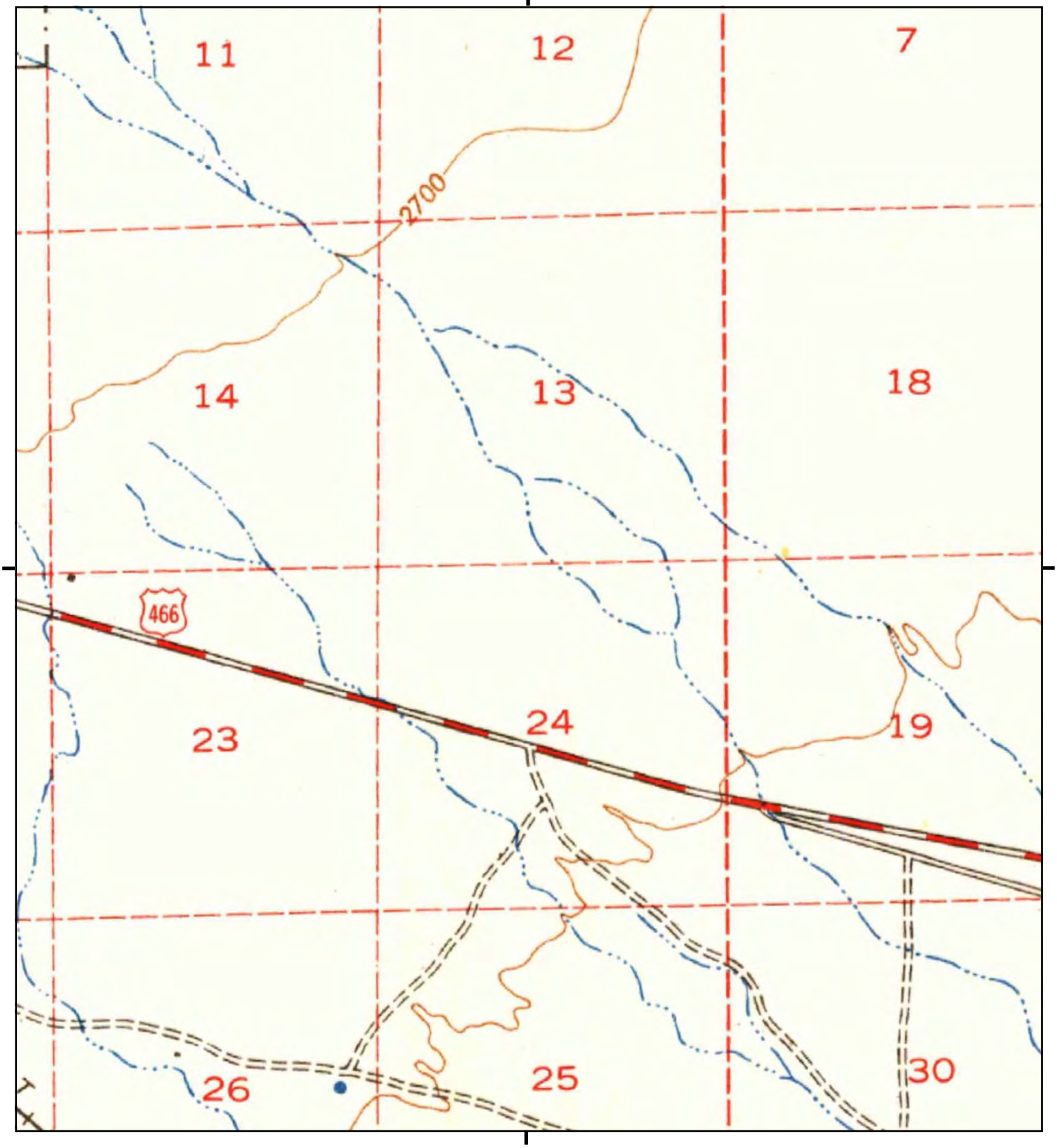
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
W, Mojave, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

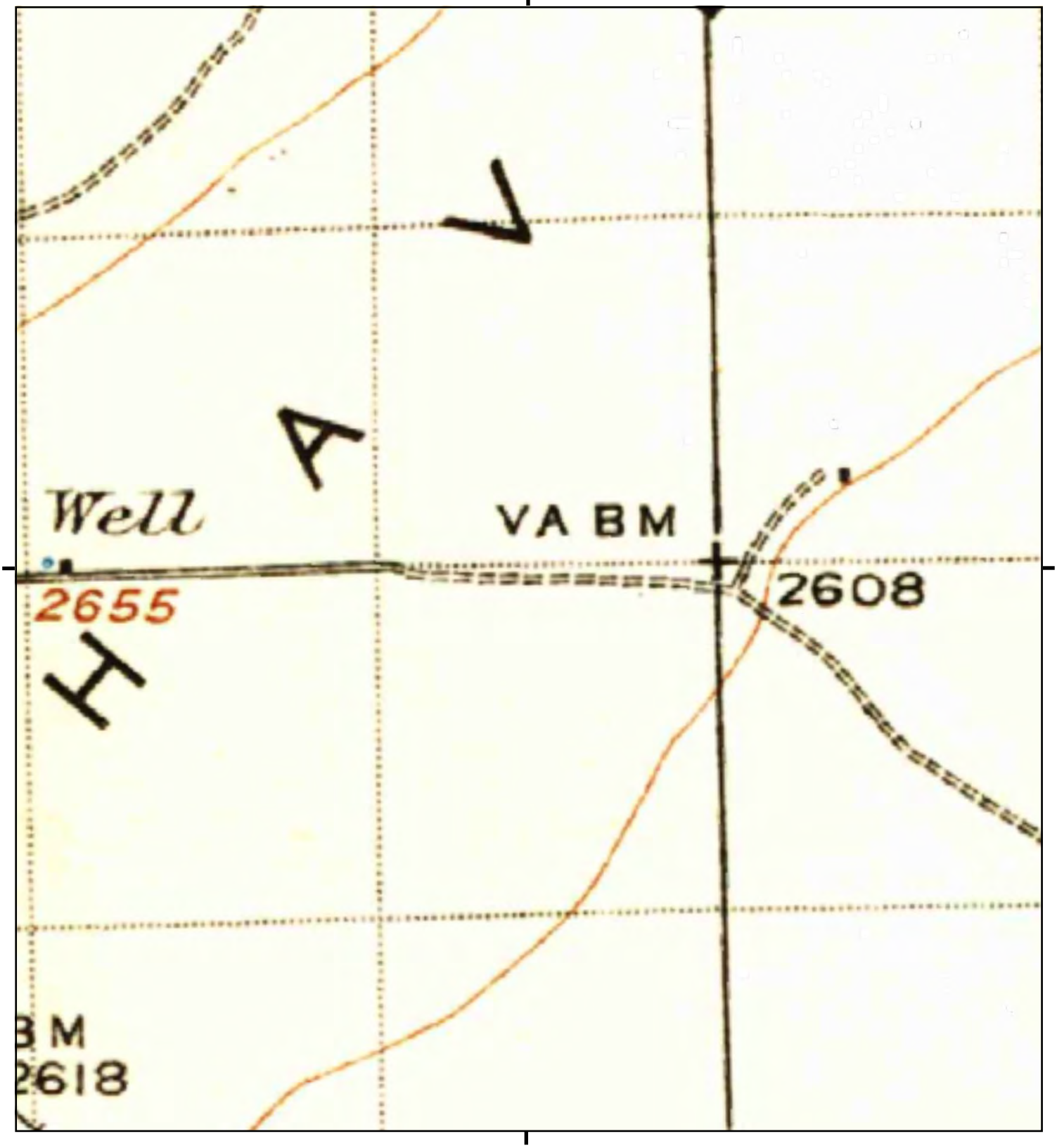
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 7
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 8

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.8

August 27, 2019

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with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/27/19

Site Name:

Bellefield 8
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.8

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.040965 35° 2' 27" North
Longitude:	-118.058276 -118° 3' 30" West
UTM Zone:	Zone 11 North
UTM X Meters:	403476.83
UTM Y Meters:	3878097.79
Elevation:	2571.74' above sea level

Maps Provided:

2012
1994
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Sanborn
2012
7.5-minute, 24000

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets

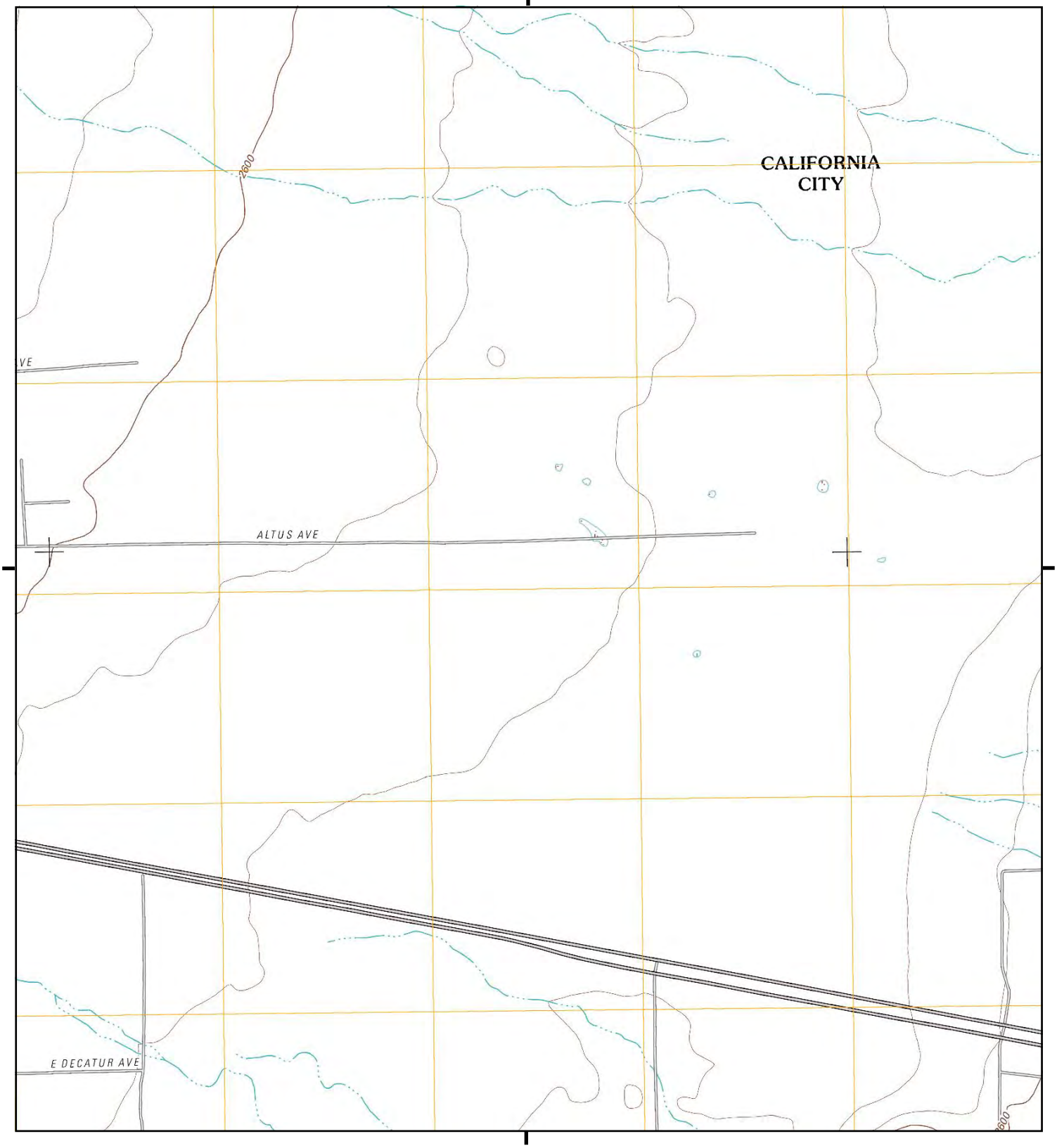


Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

1915 Source Sheets



Mojave
1915
30-minute, 125000



This report includes information from the following map sheet(s).

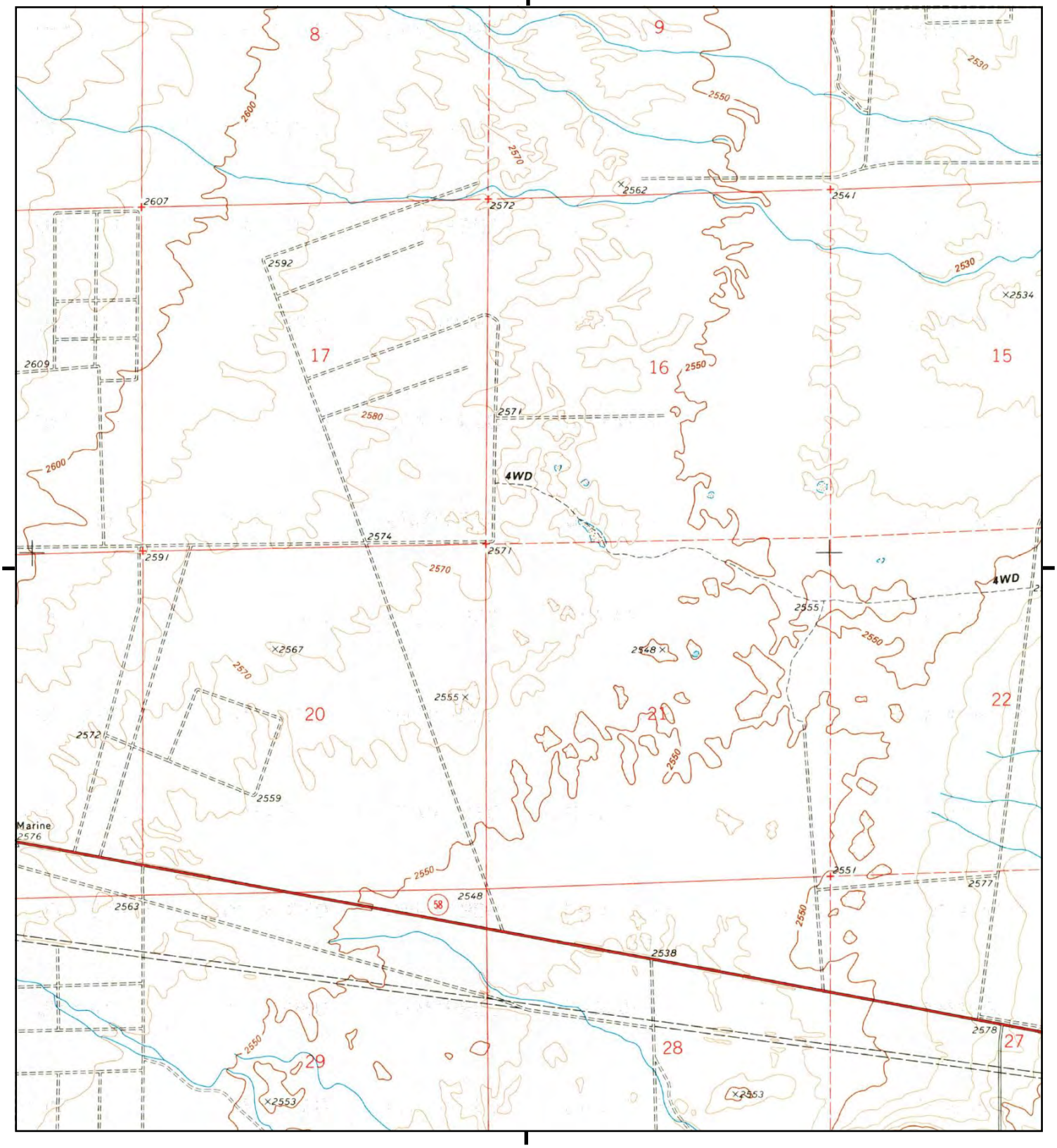
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 2012, 7.5-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

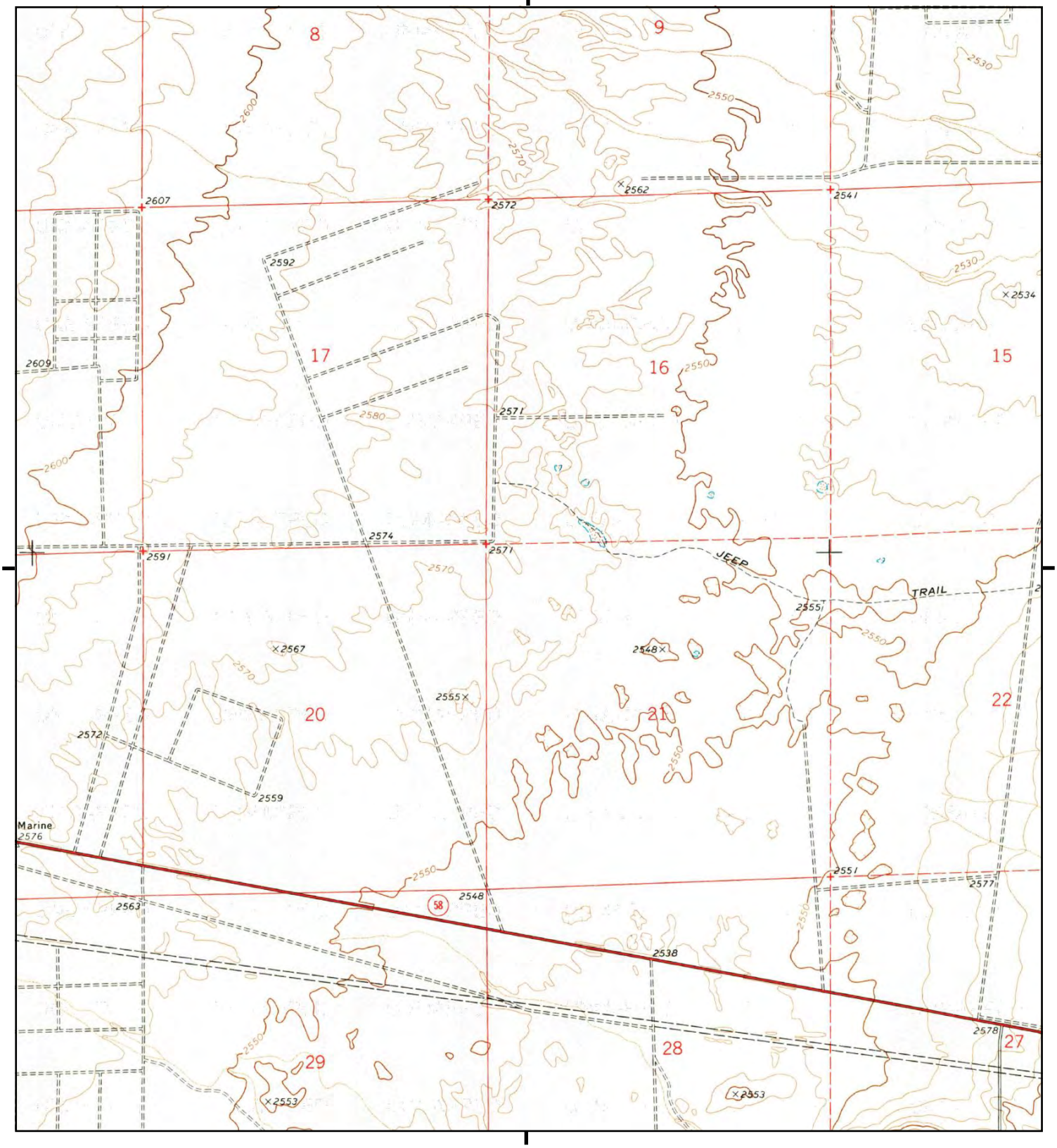
TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

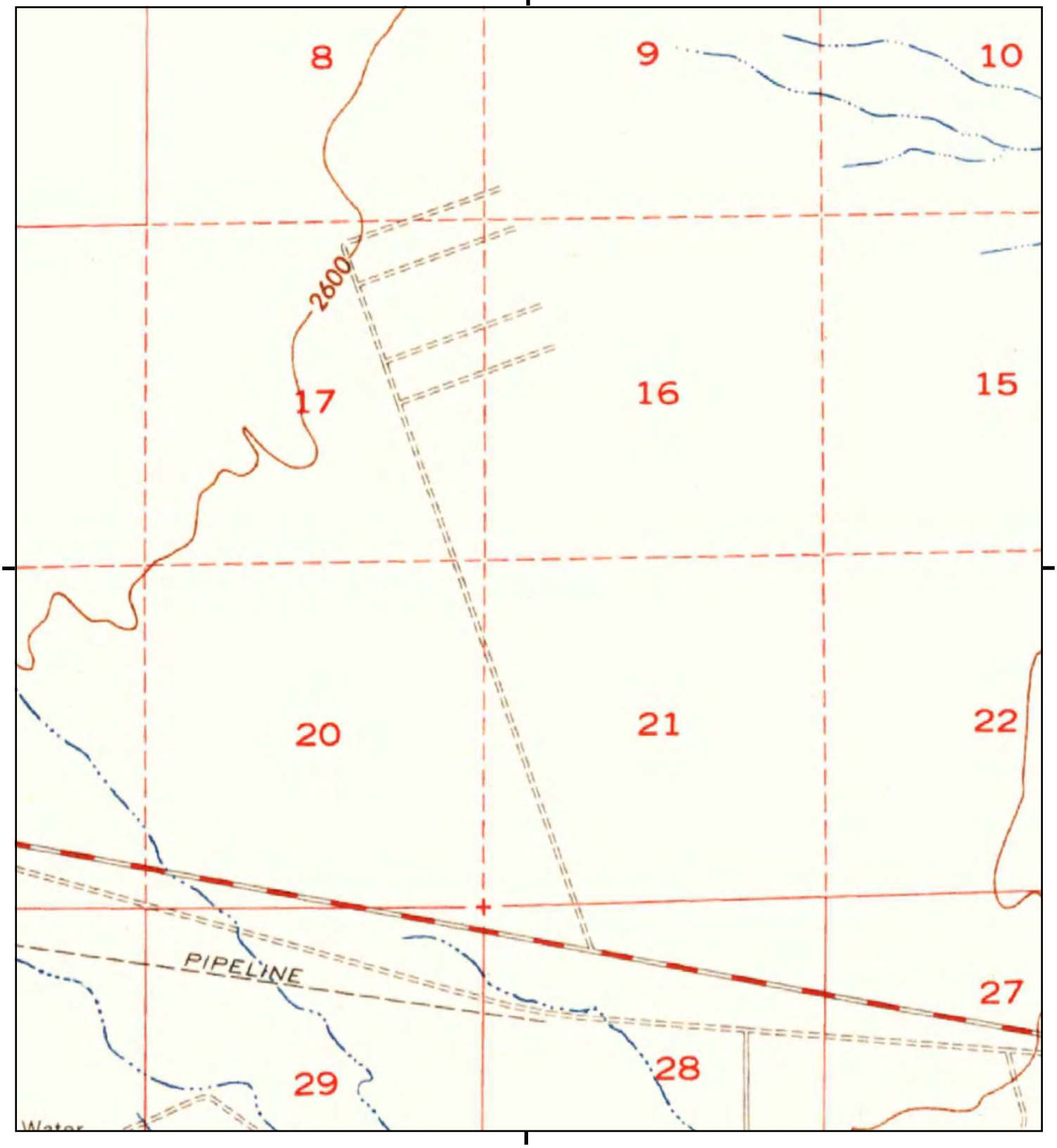
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

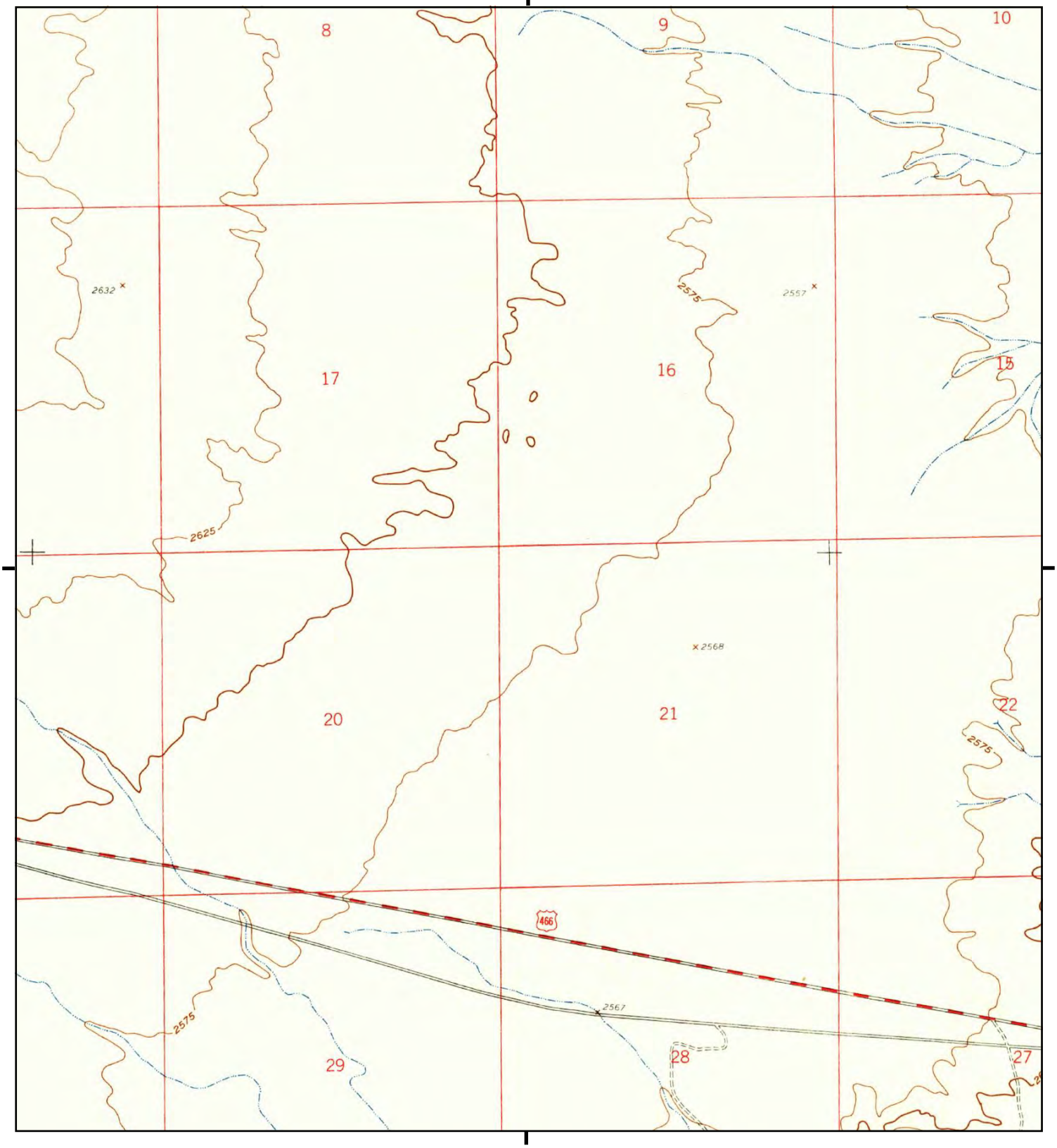
TP, Mojave, 1956, 15-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

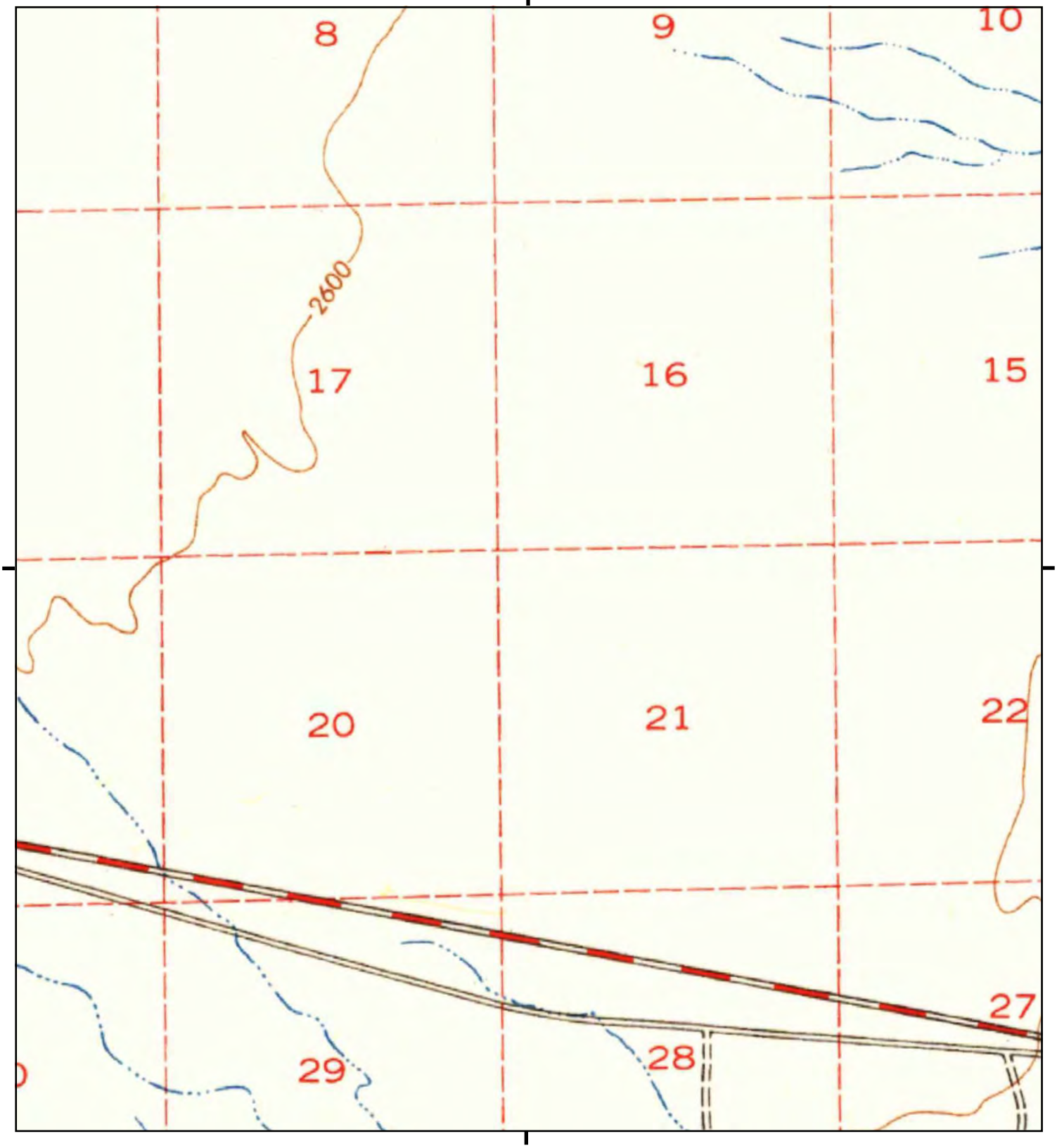
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

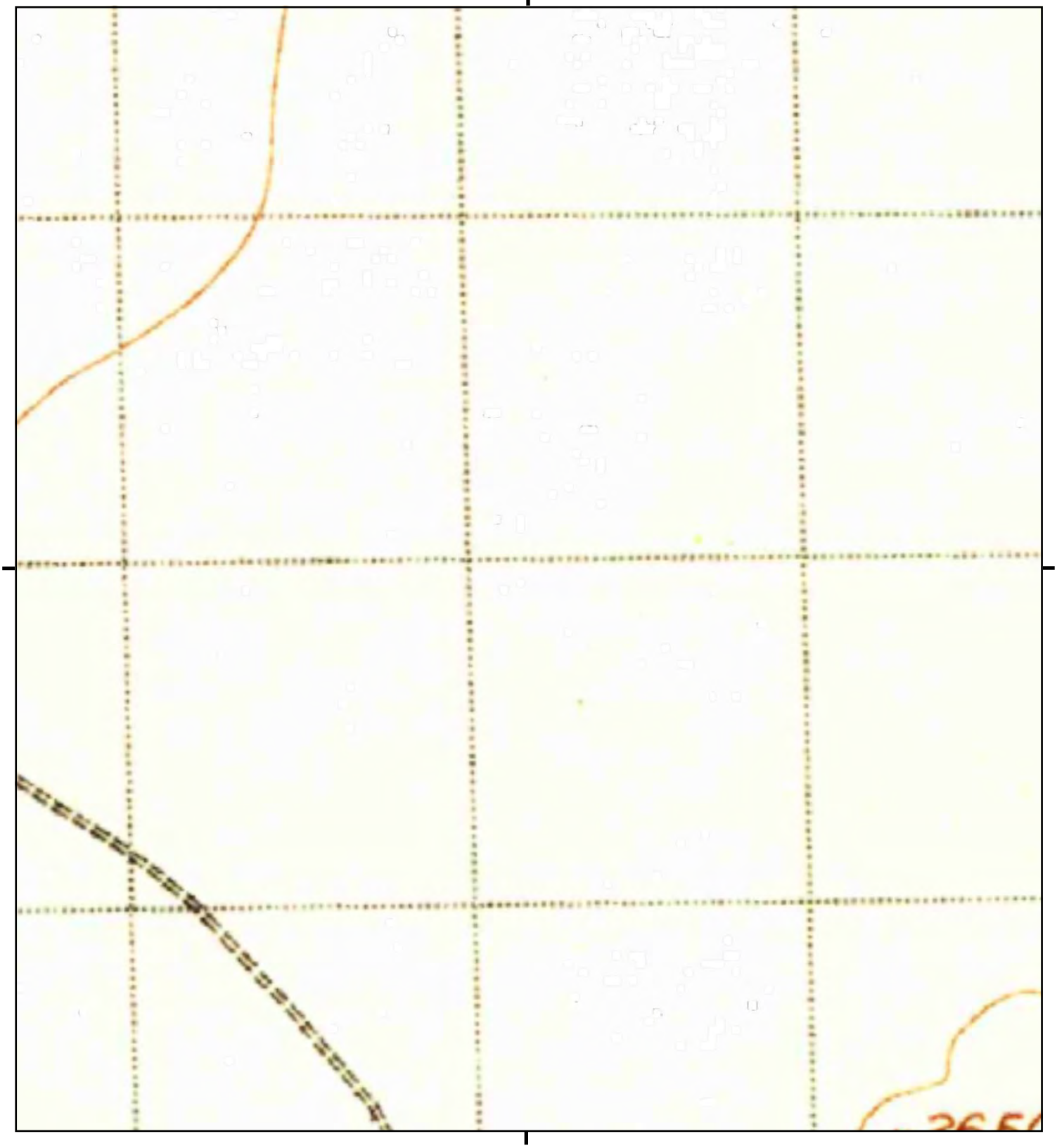
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute

SITE NAME: Bellefield 8
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 9

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.9

August 27, 2019

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with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/27/19

Site Name:

Bellefield 9
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.9

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EDR Production Test Acct 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. EDRs 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:

P.O.#

Project:

Coordinates:

Latitude:	35.015892 35° 0' 57" North
Longitude:	-118.133432 -118° 8' 0" West
UTM Zone:	Zone 11 North
UTM X Meters:	396590.13
UTM Y Meters:	3875392.38
Elevation:	2618.00' above sea level

Maps Provided:

2012
1994, 1995
1980
1973
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Bissell
2012
7.5-minute, 24000



Soledad Mountain
2012
7.5-minute, 24000



Mojave
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

1994, 1995 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1973 Source Sheets



Bissell
1973
7.5-minute, 24000
Aerial Photo Revised 1972



Soledad Mtn
1973
7.5-minute, 24000
Aerial Photo Revised 1972



Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Rosamond
1956
15-minute, 62500
Aerial Photo Revised 1952

1947 Source Sheets



Soledad Mountain
1947
7.5-minute, 24000



Bissell
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Rosamond
1943
15-minute, 62500



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1915 Source Sheets



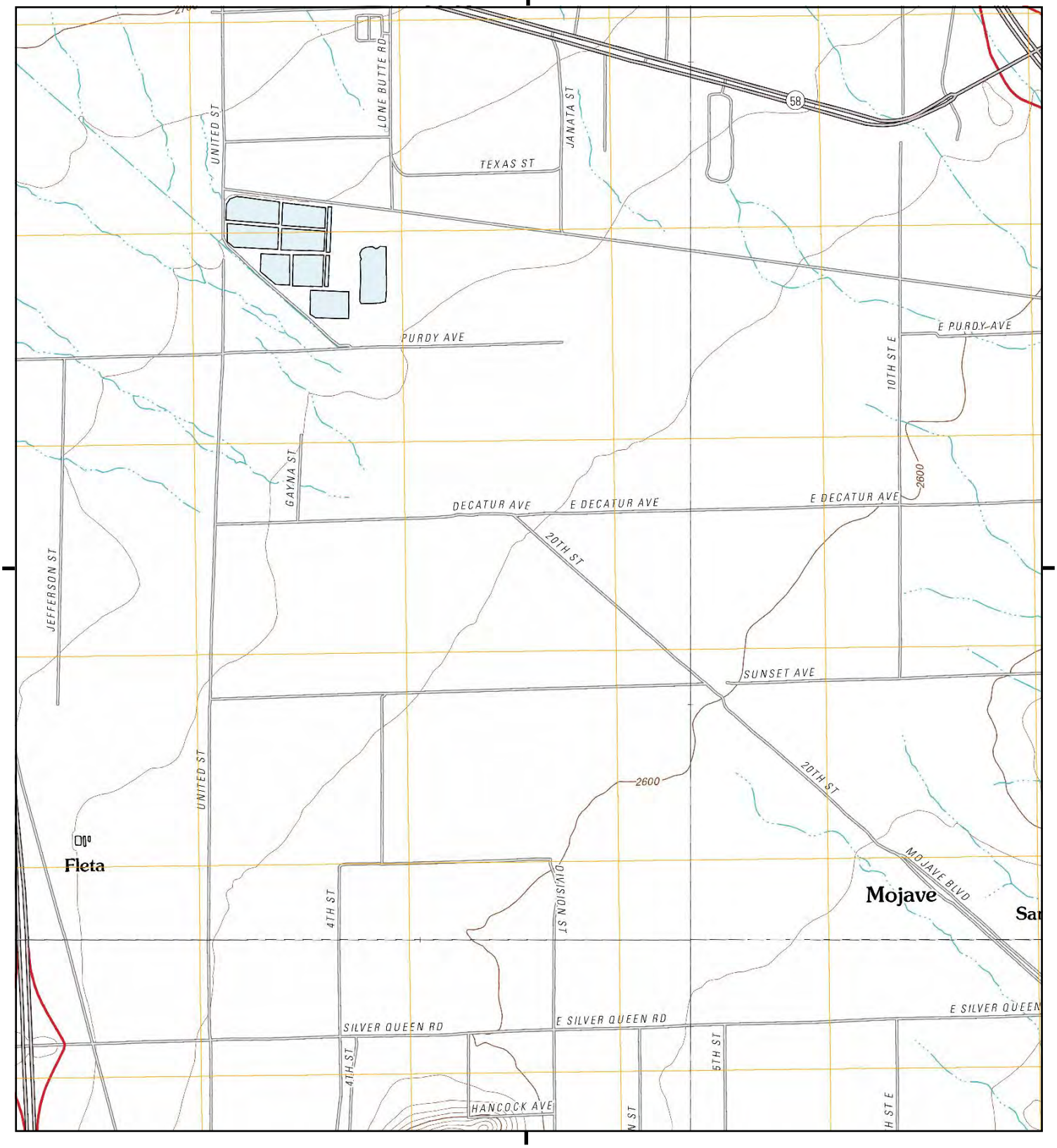
Mojave
1915
30-minute, 125000



Elizabeth Lake
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

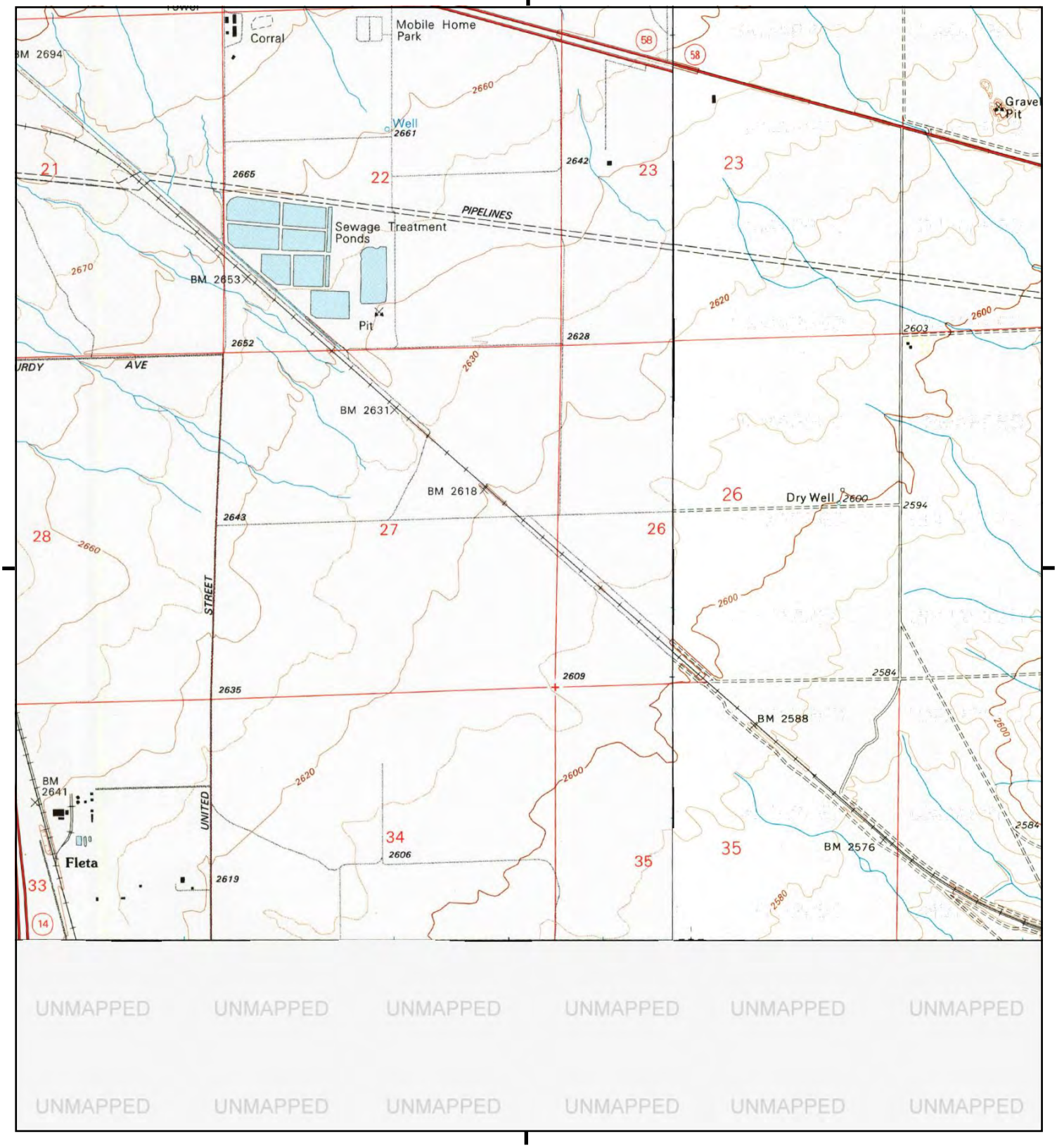
TP, Mojave, 2012, 7.5-minute
NE, Sanborn, 2012, 7.5-minute
SE, Bissell, 2012, 7.5-minute
SW, Soledad Mountain, 2012, 7.5-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1994, 1995



This report includes information from the following map sheet(s).

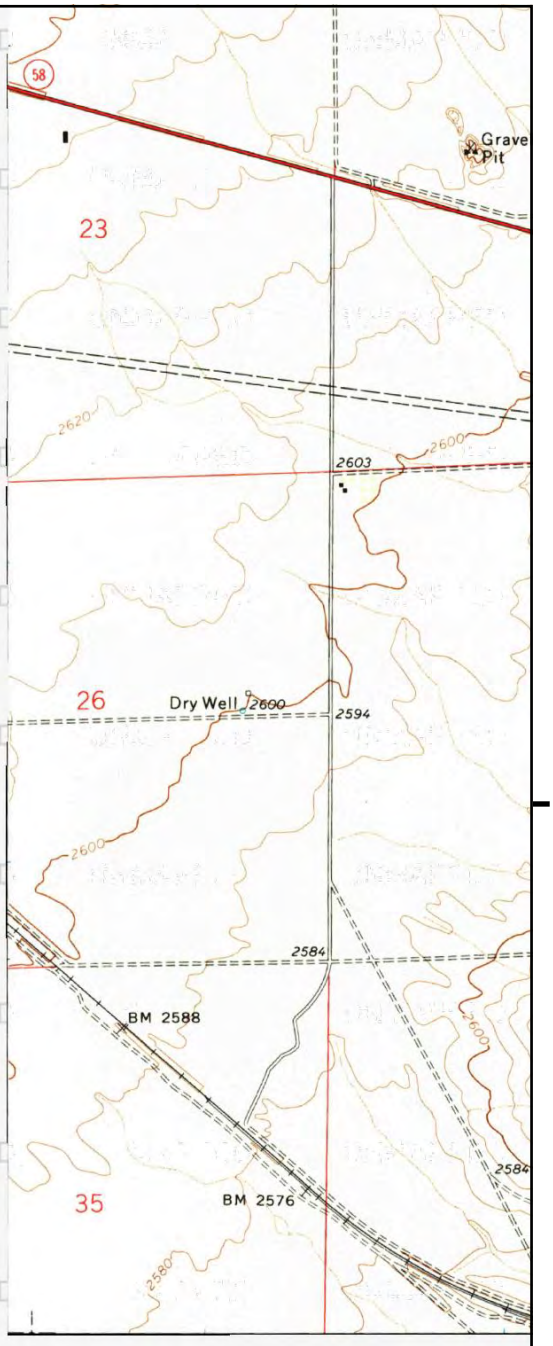
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1995, 7.5-minute
NE, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

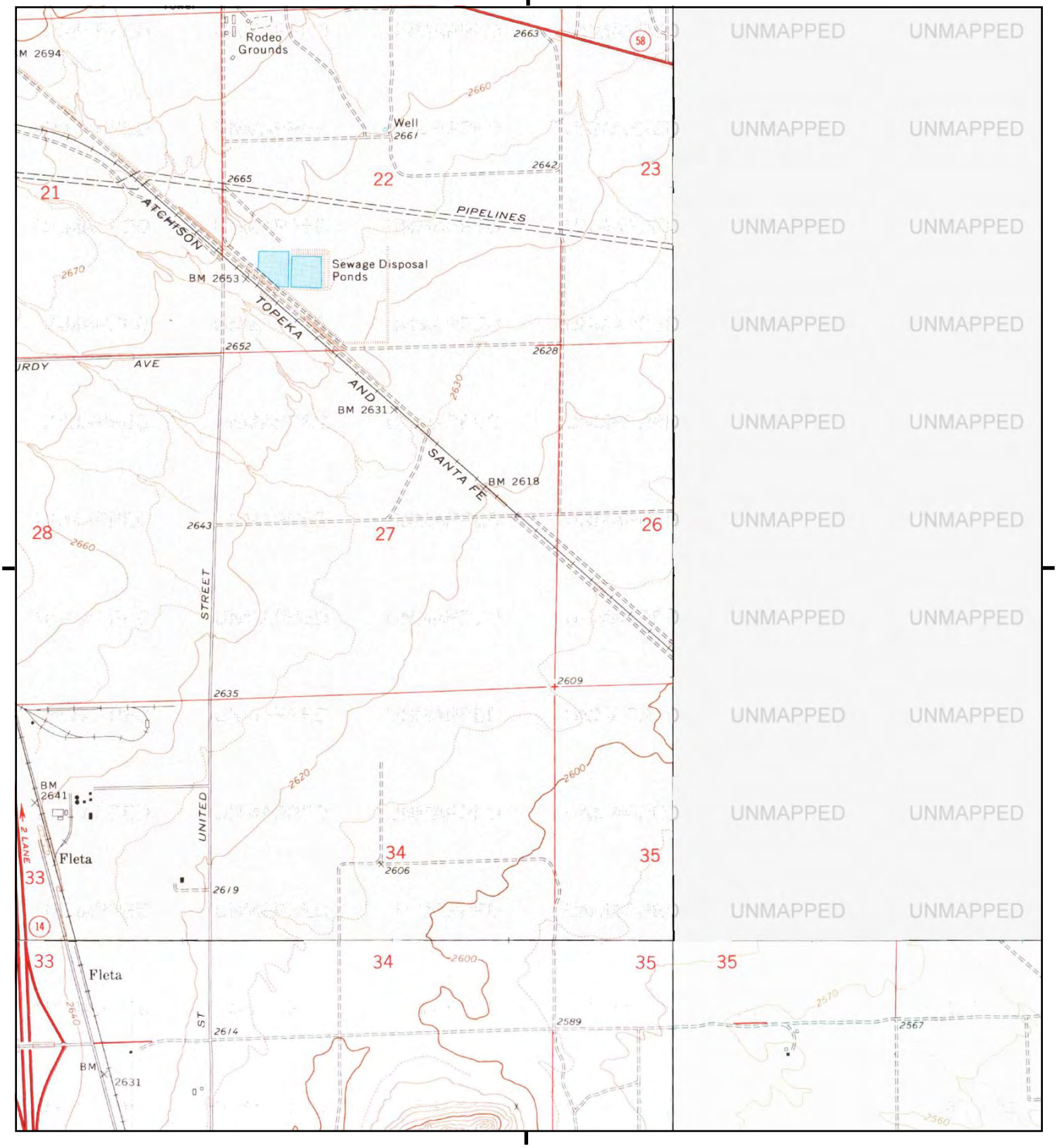
NE, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

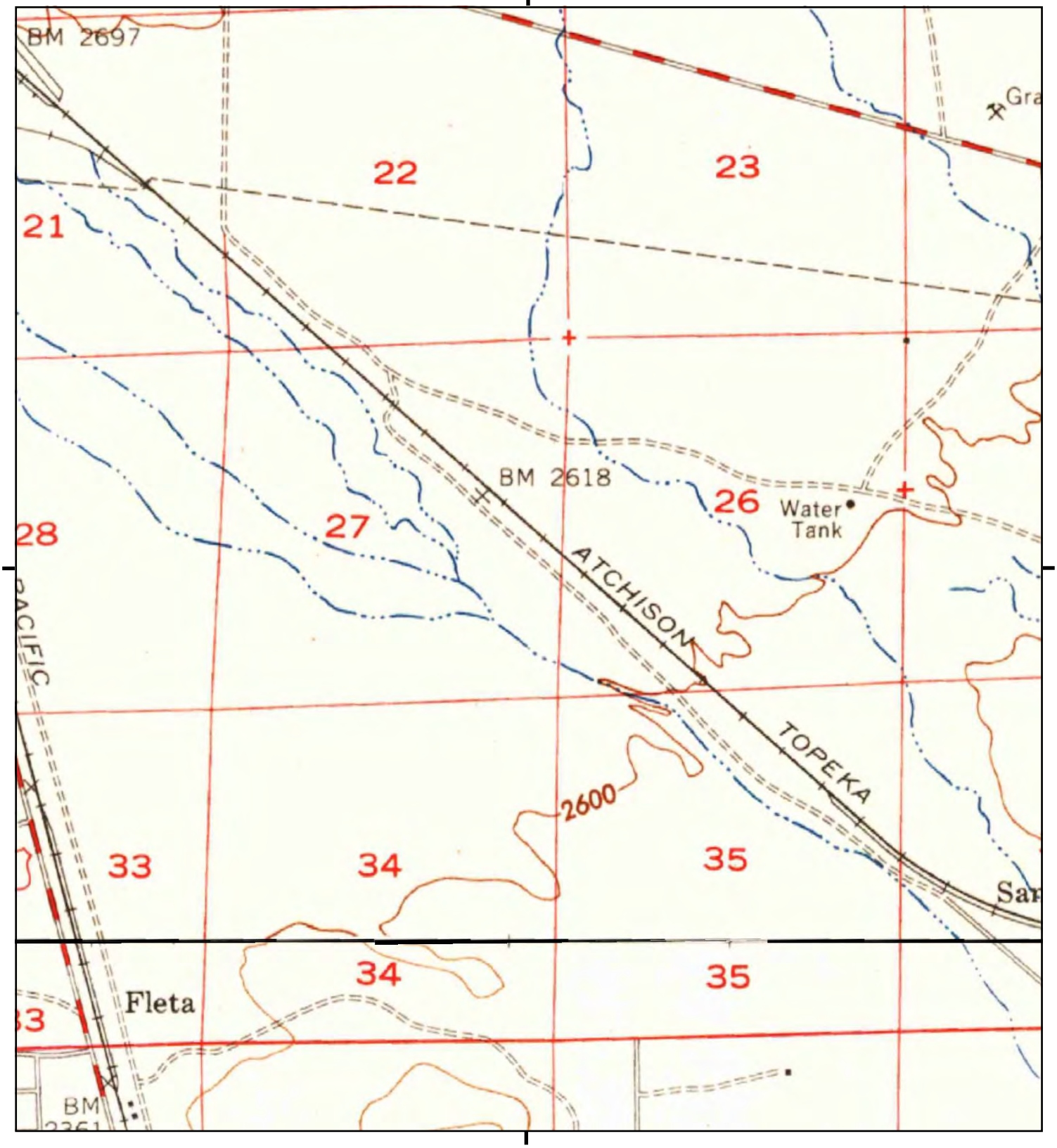
TP, Mojave, 1973, 7.5-minute
SE, Bissell, 1973, 7.5-minute
SW, Soledad Mtn, 1973, 7.5-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

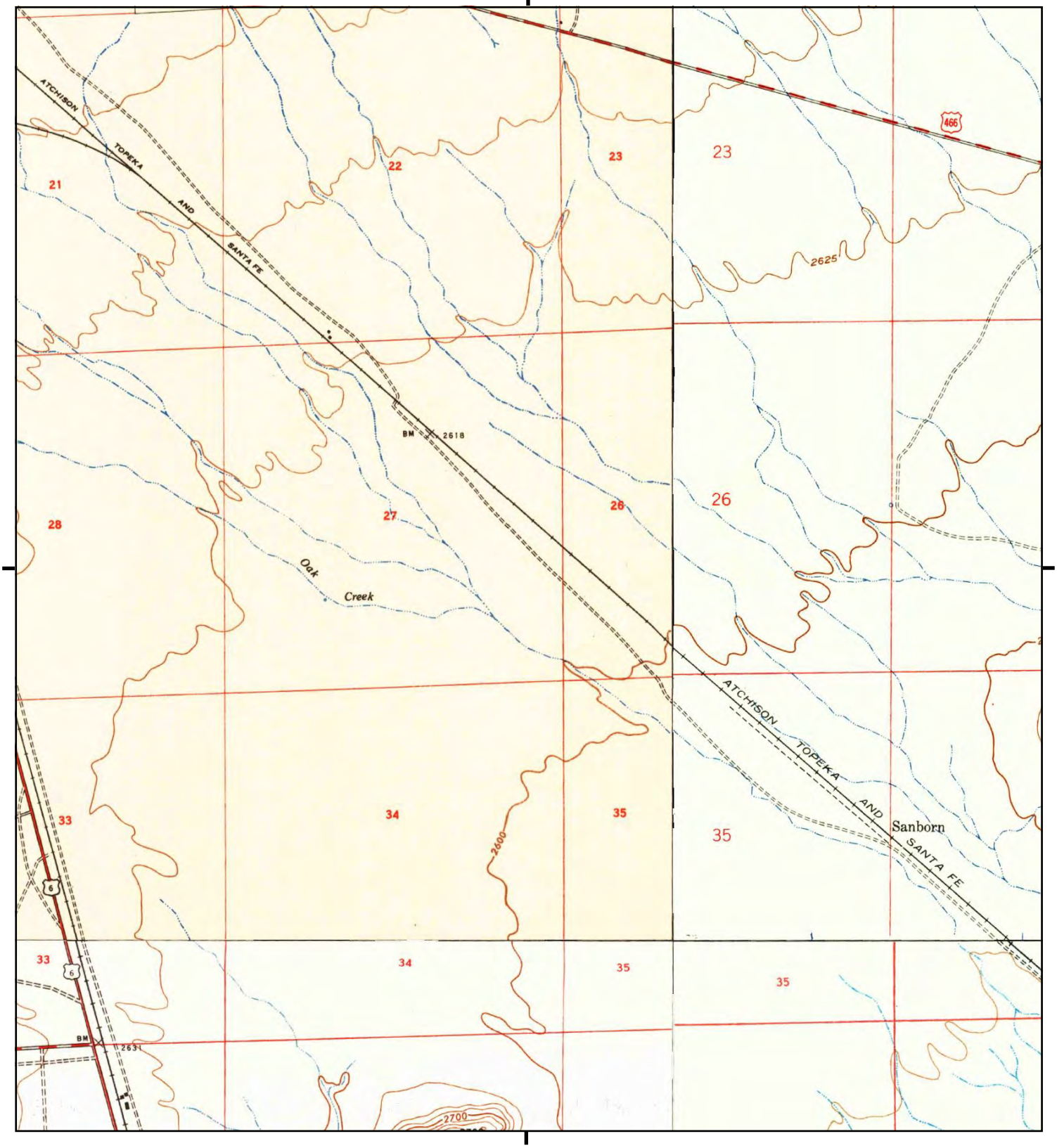
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute
S, Rosamond, 1956, 15-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

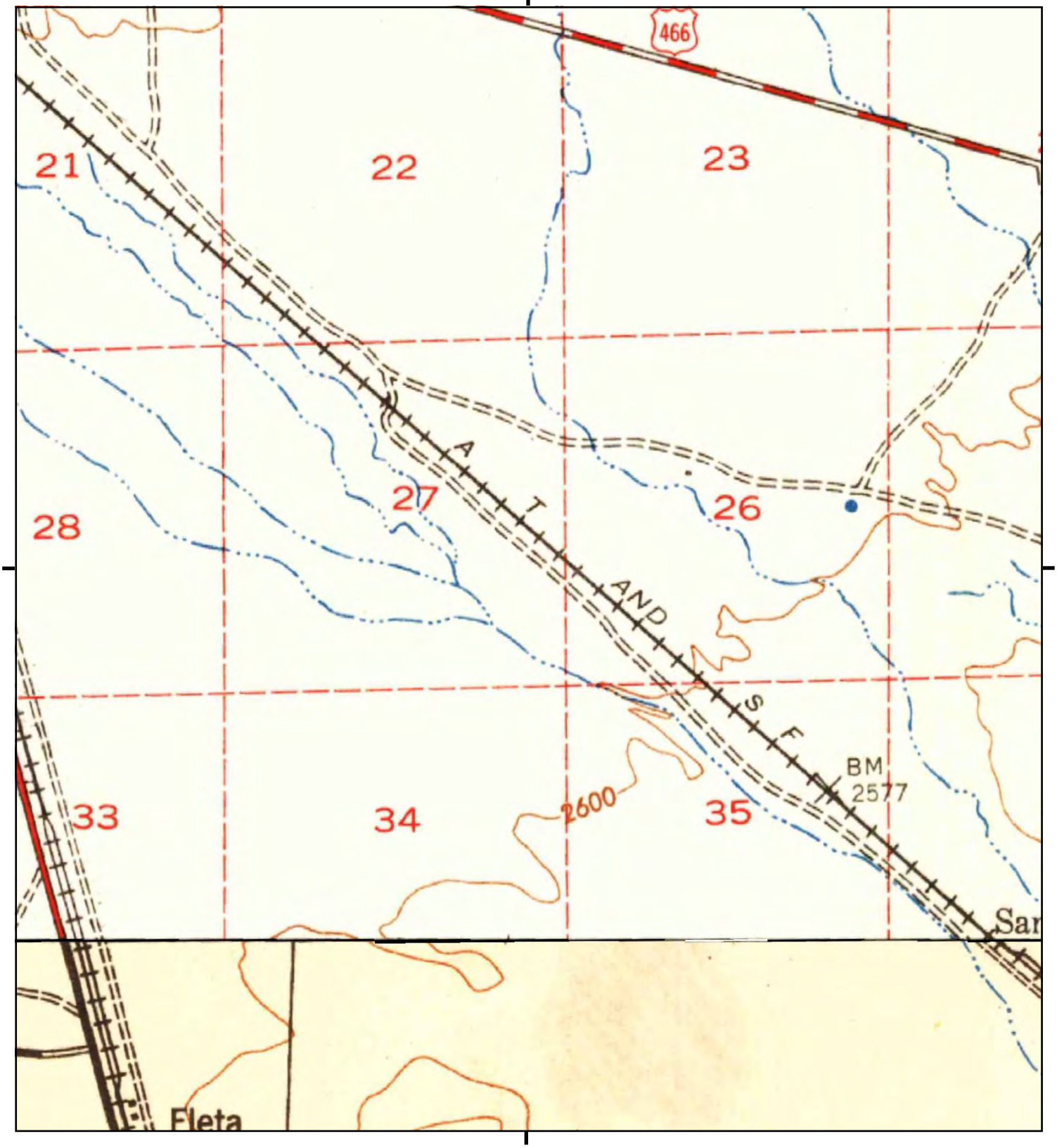
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1947, 7.5-minute
NE, Plano, 1947, 7.5-minute
SE, Bissell, 1947, 7.5-minute
SW, Soledad Mountain, 1947, 7.5-minute
NE, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

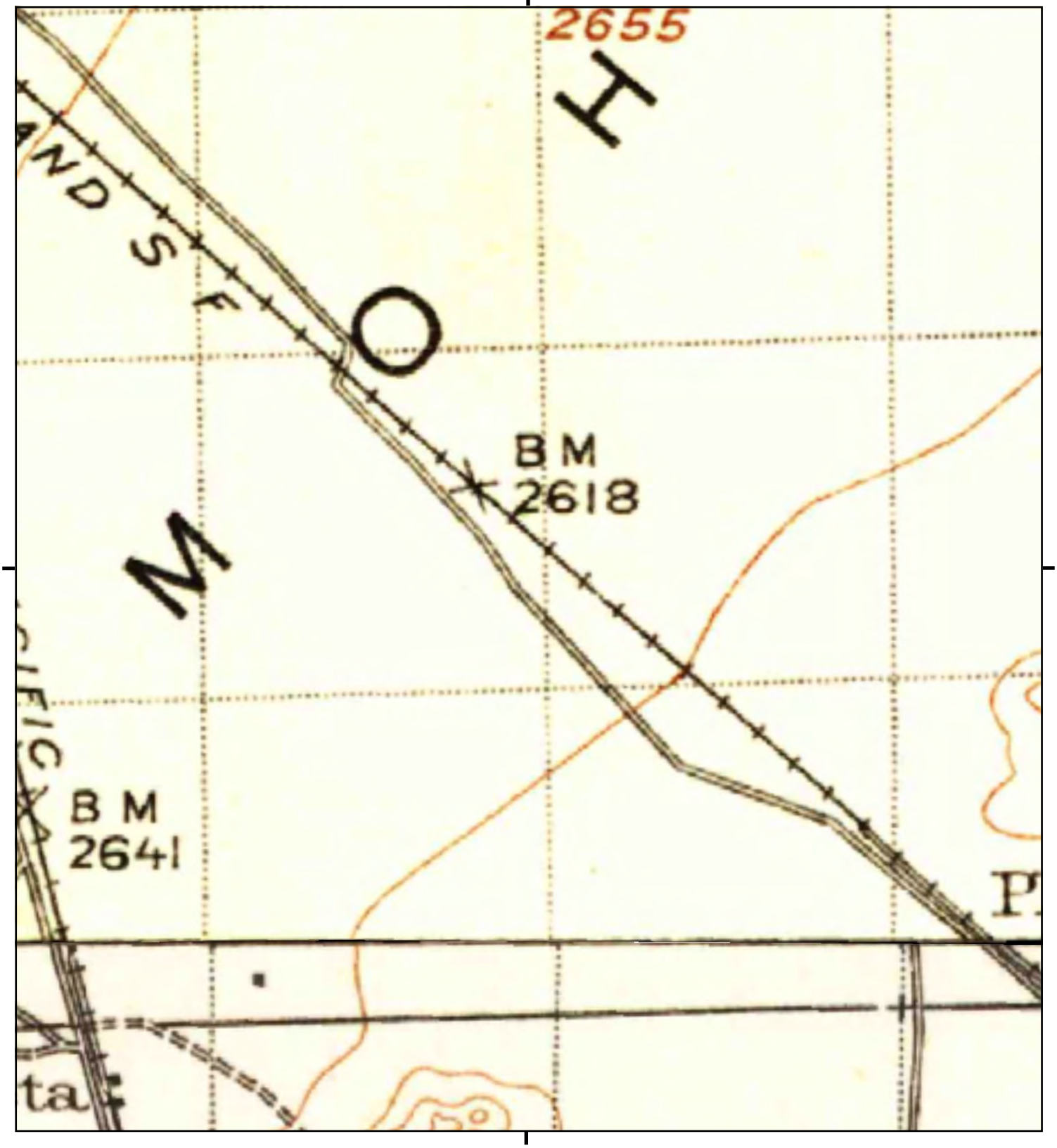
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
S, Rosamond, 1943, 15-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute
S, Elizabeth Lake, 1915, 30-minute

SITE NAME: Bellefield 9
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 10

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.10

August 27, 2019

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

08/27/19

Site Name:

Bellefield 10
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.10

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.016314 35° 0' 59" North
Longitude:	-118.087197 -118° 5' 14" West
UTM Zone:	Zone 11 North
UTM X Meters:	400809.12
UTM Y Meters:	3875392.27
Elevation:	2566.00' above sea level

Maps Provided:

2012
1994
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Bissell
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Rosamond
1956
15-minute, 62500
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Bissell
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Rosamond
1943
15-minute, 62500



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

1915 Source Sheets



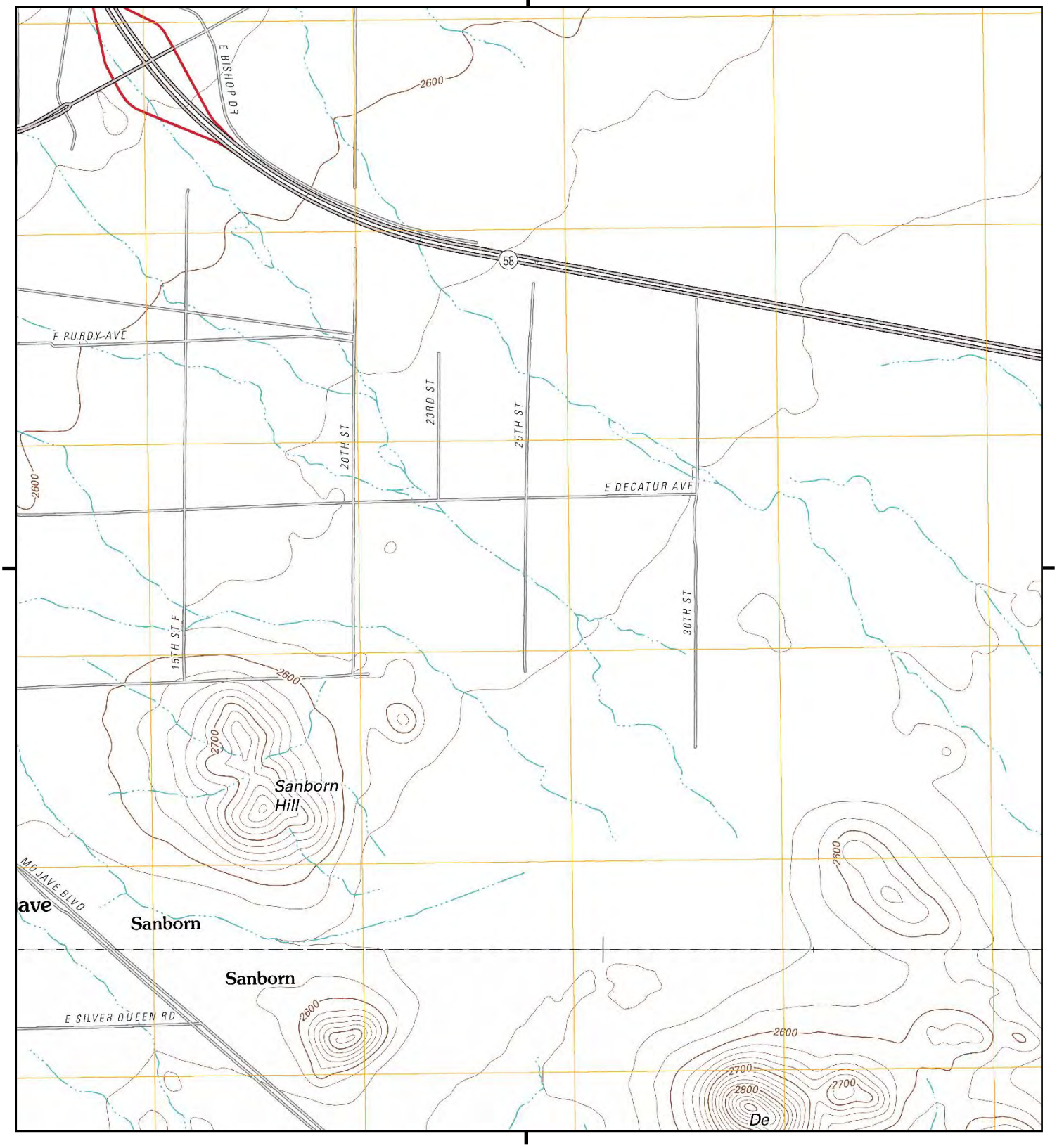
Mojave
1915
30-minute, 125000



Elizabeth Lake
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

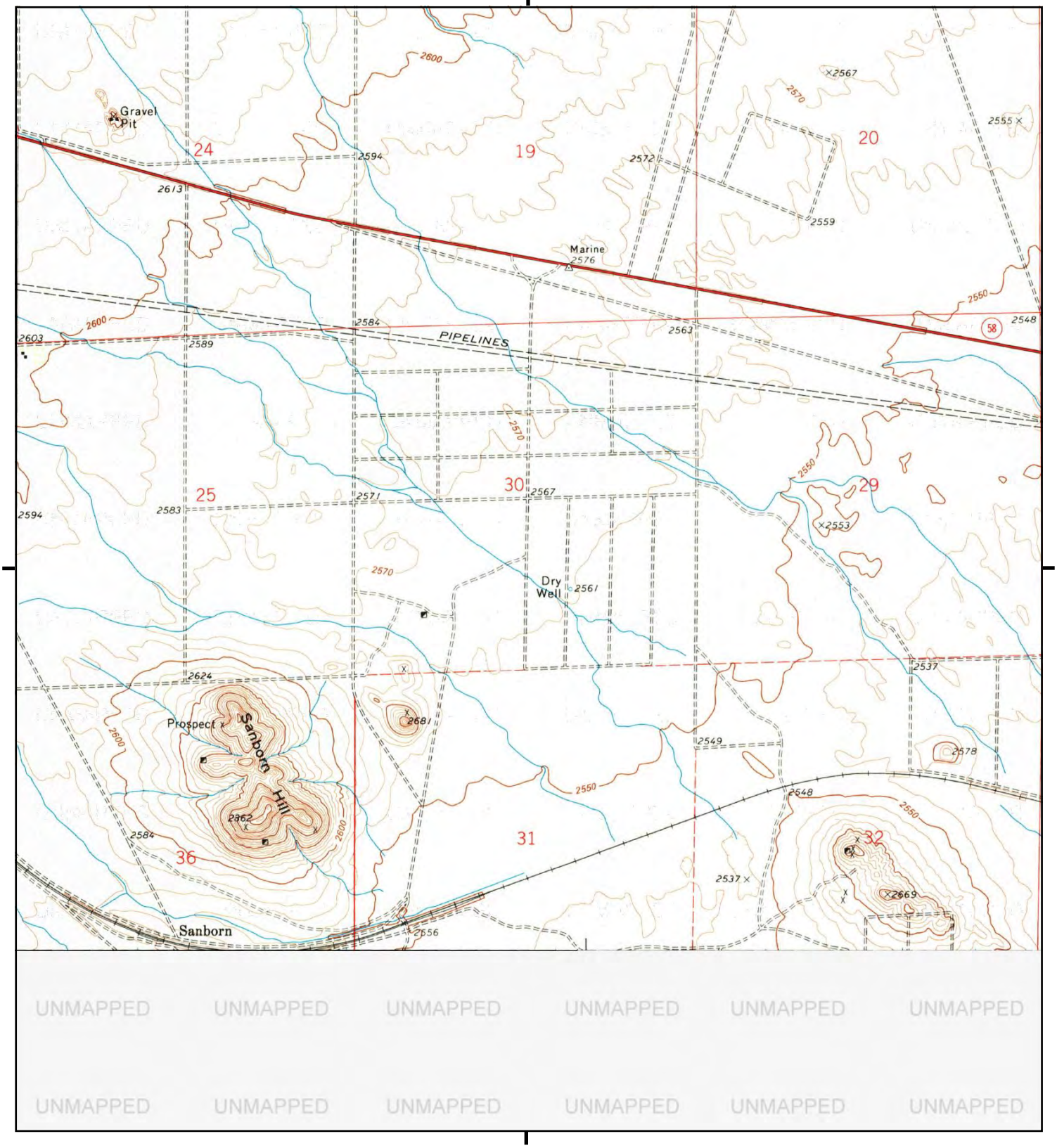
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 2012, 7.5-minute
S, Bissell, 2012, 7.5-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

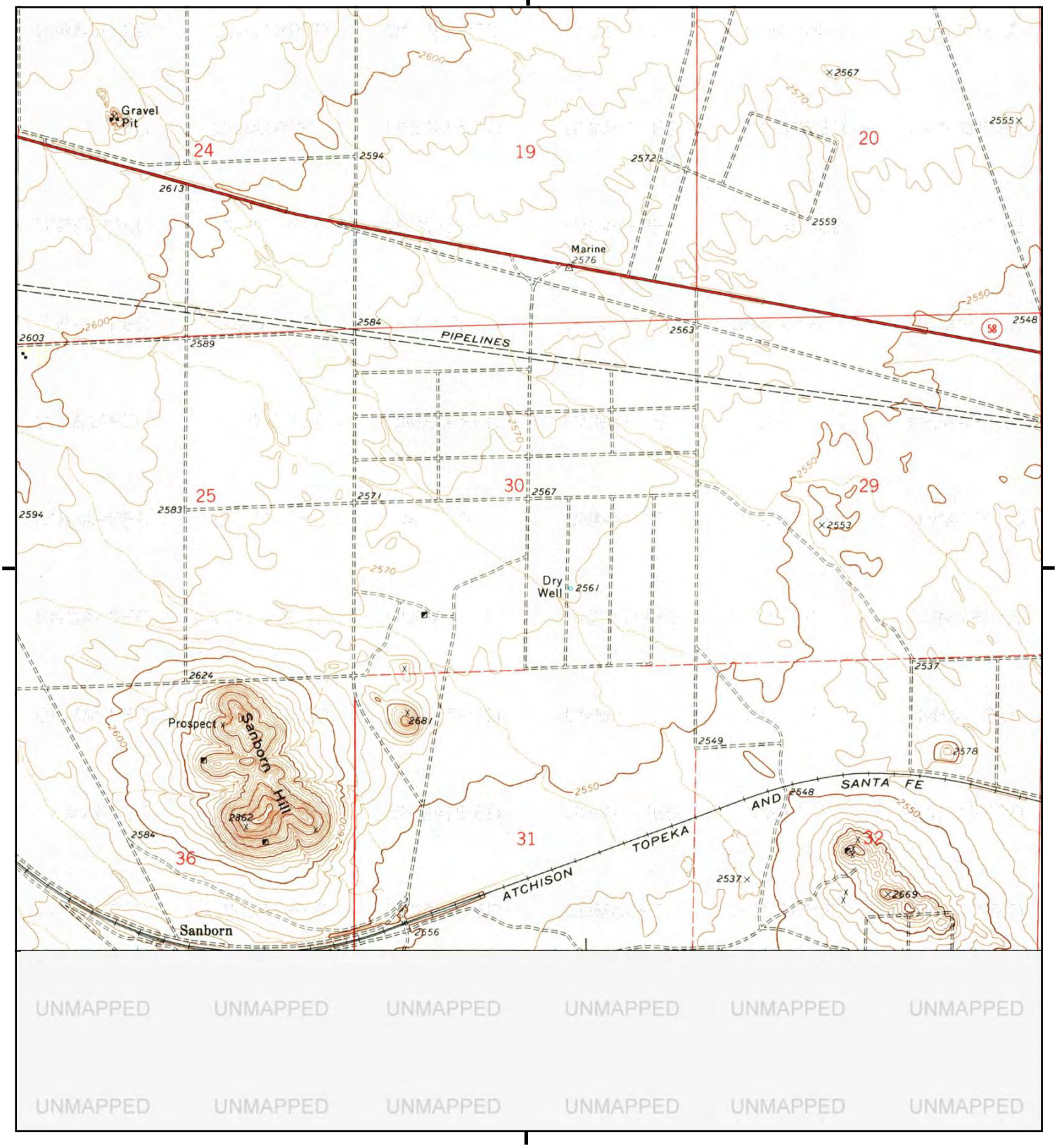
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

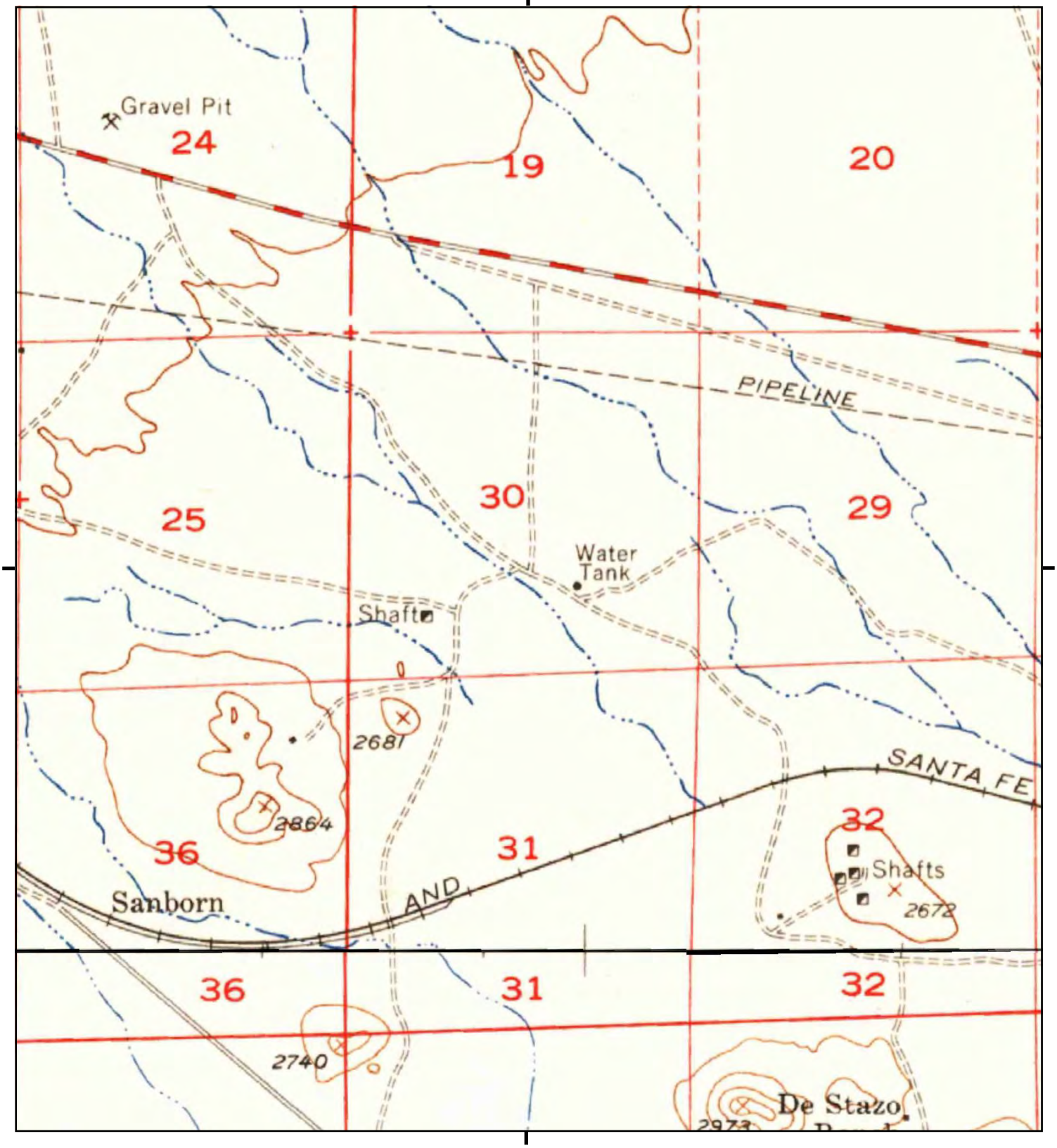
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

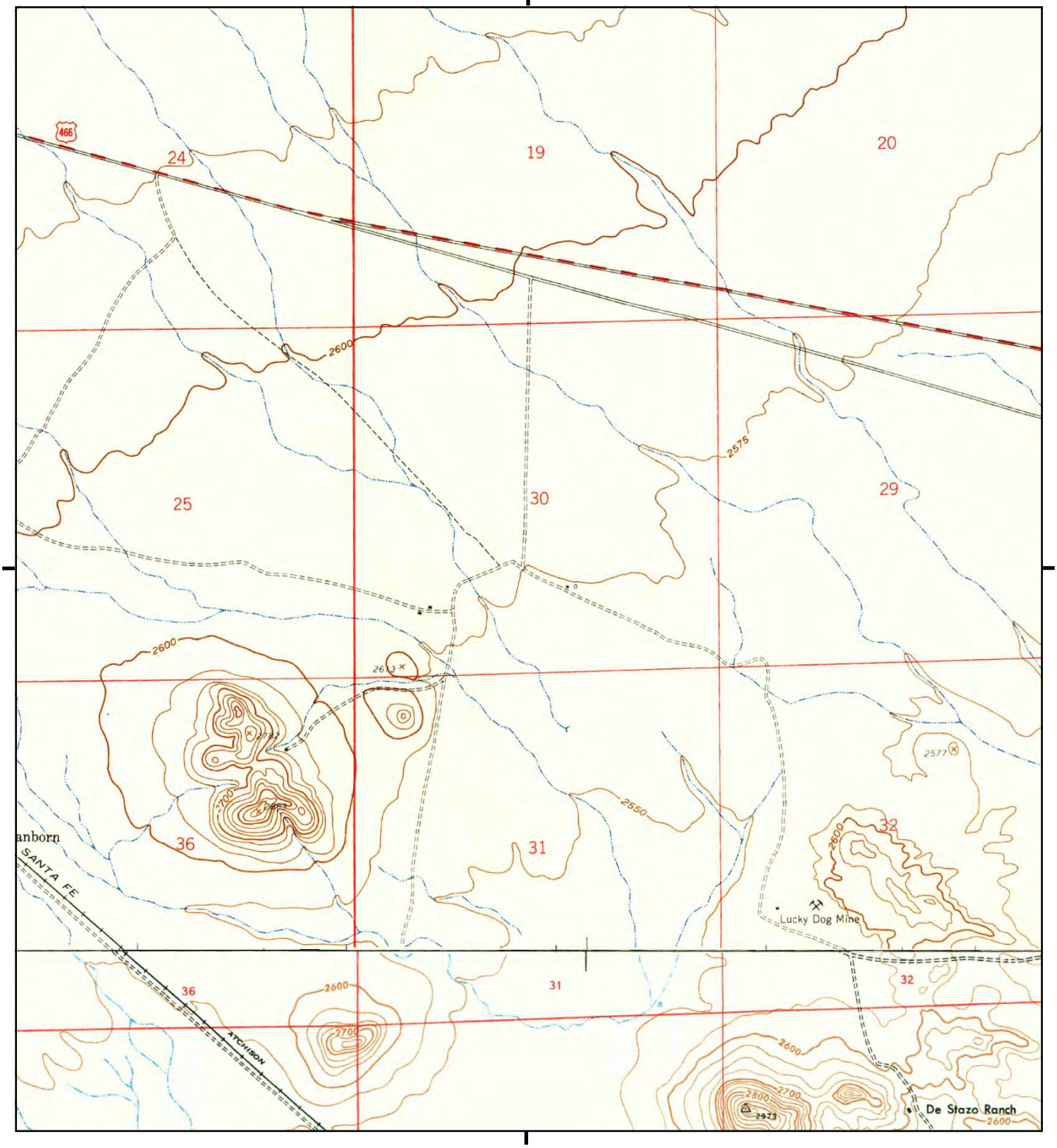
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute
S, Rosamond, 1956, 15-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

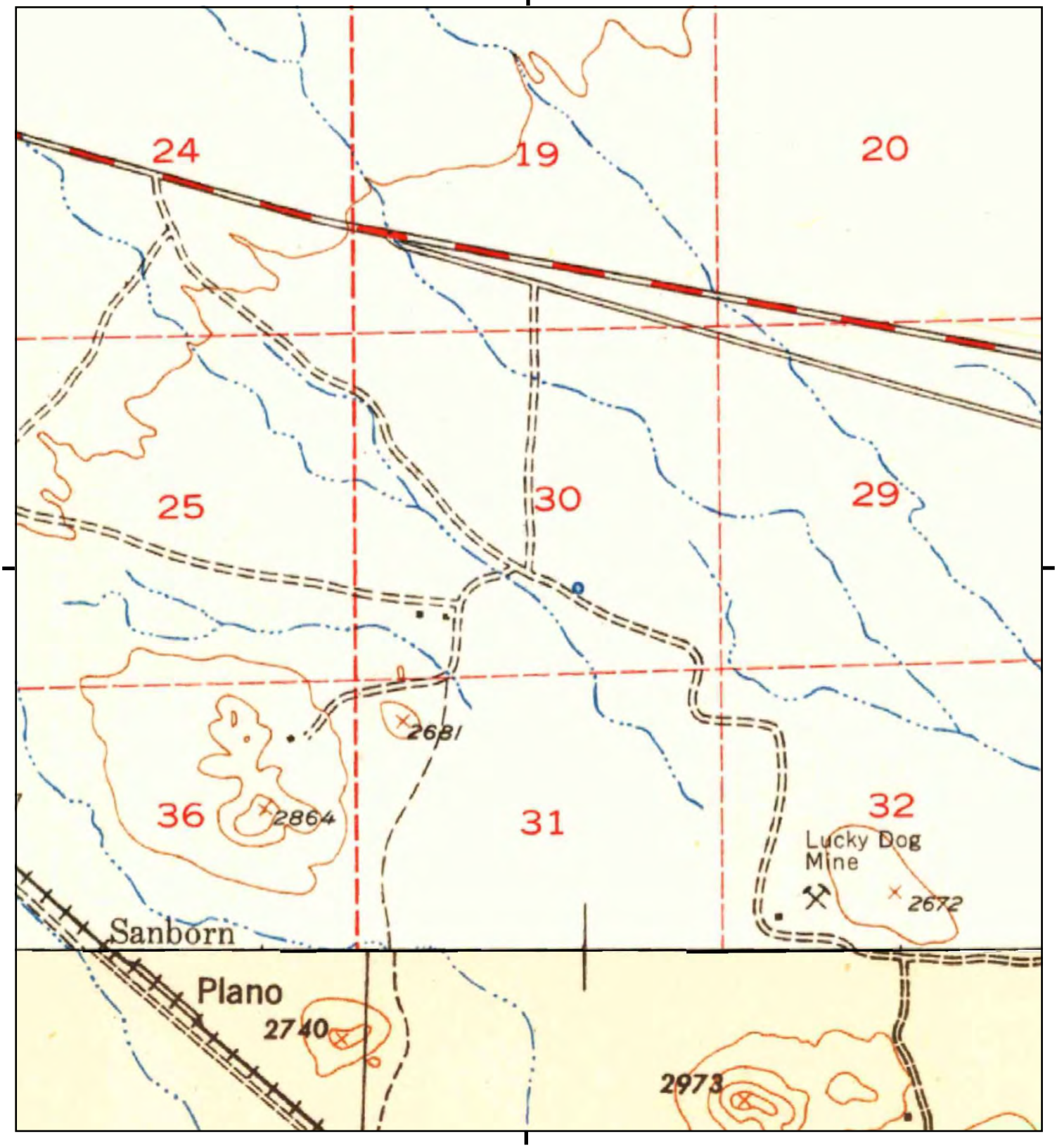
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
S, Bissell, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

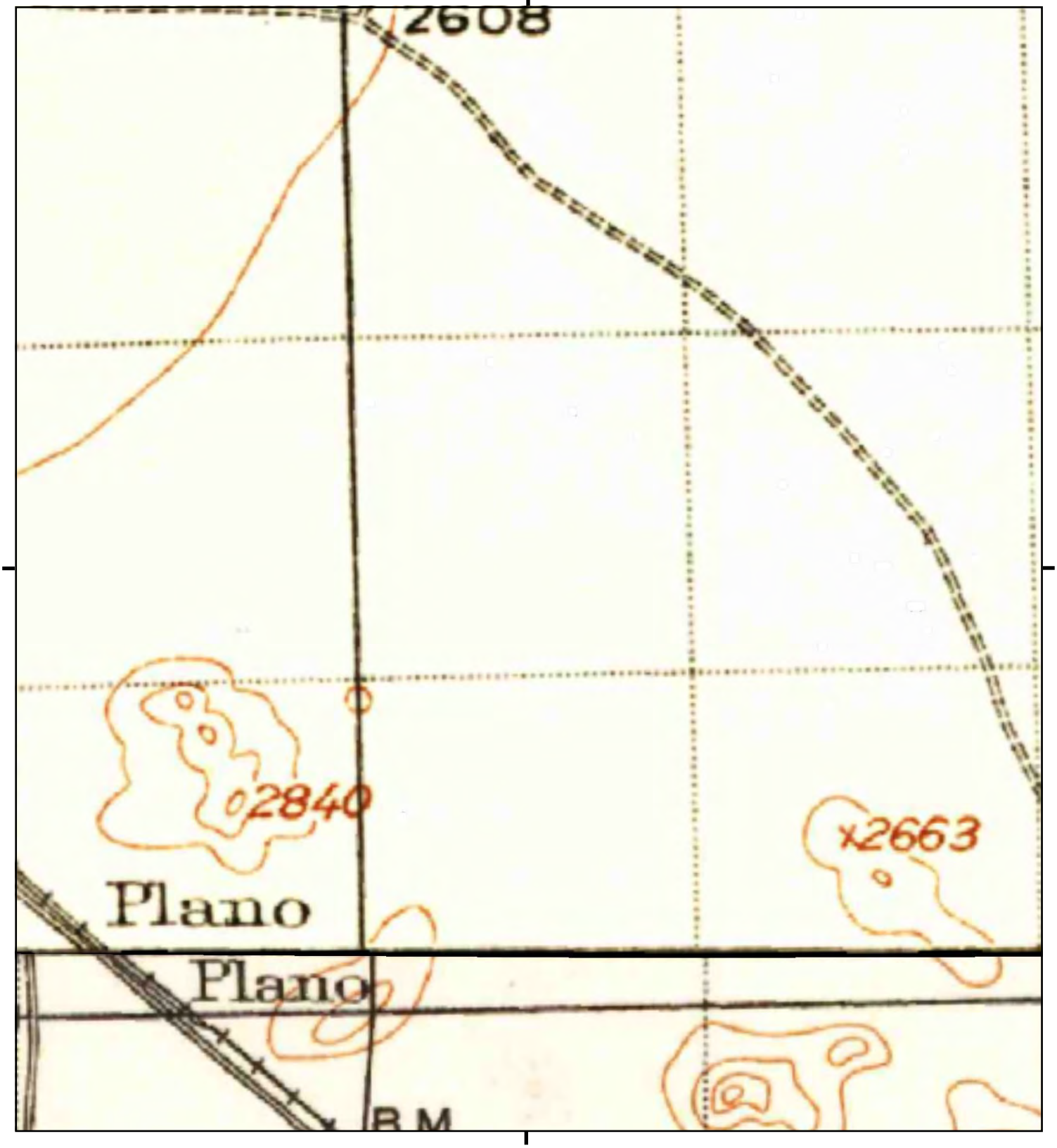
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
S, Rosamond, 1943, 15-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute
SW, Elizabeth Lake, 1915, 30-minute

SITE NAME: Bellefield 10
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 11

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.11

August 27, 2019

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

08/27/19

Site Name:

Bellefield 11
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.11

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

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Search Results:

P.O.#

Project:

Coordinates:

Latitude:	35.016667 35° 1' 0" North
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UTM Zone:	Zone 11 North
UTM X Meters:	404427.89
UTM Y Meters:	3875392.73
Elevation:	2533.00' above sea level

Maps Provided:

2012
1994
1980
1956
1947
1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Bissell
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Rosamond
1956
15-minute, 62500
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Bissell
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Rosamond
1943
15-minute, 62500



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

1915 Source Sheets



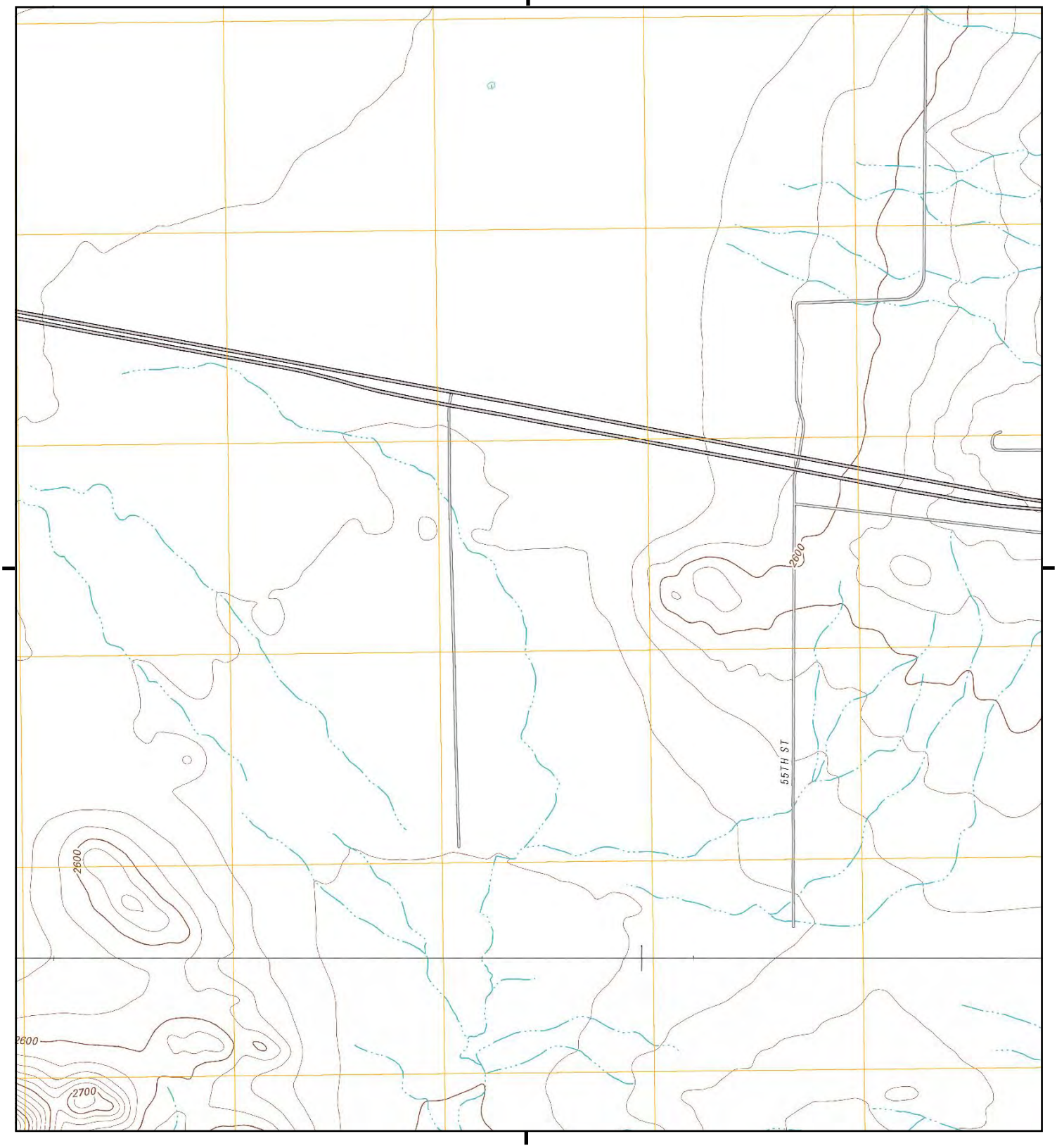
Mojave
1915
30-minute, 125000



Elizabeth Lake
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

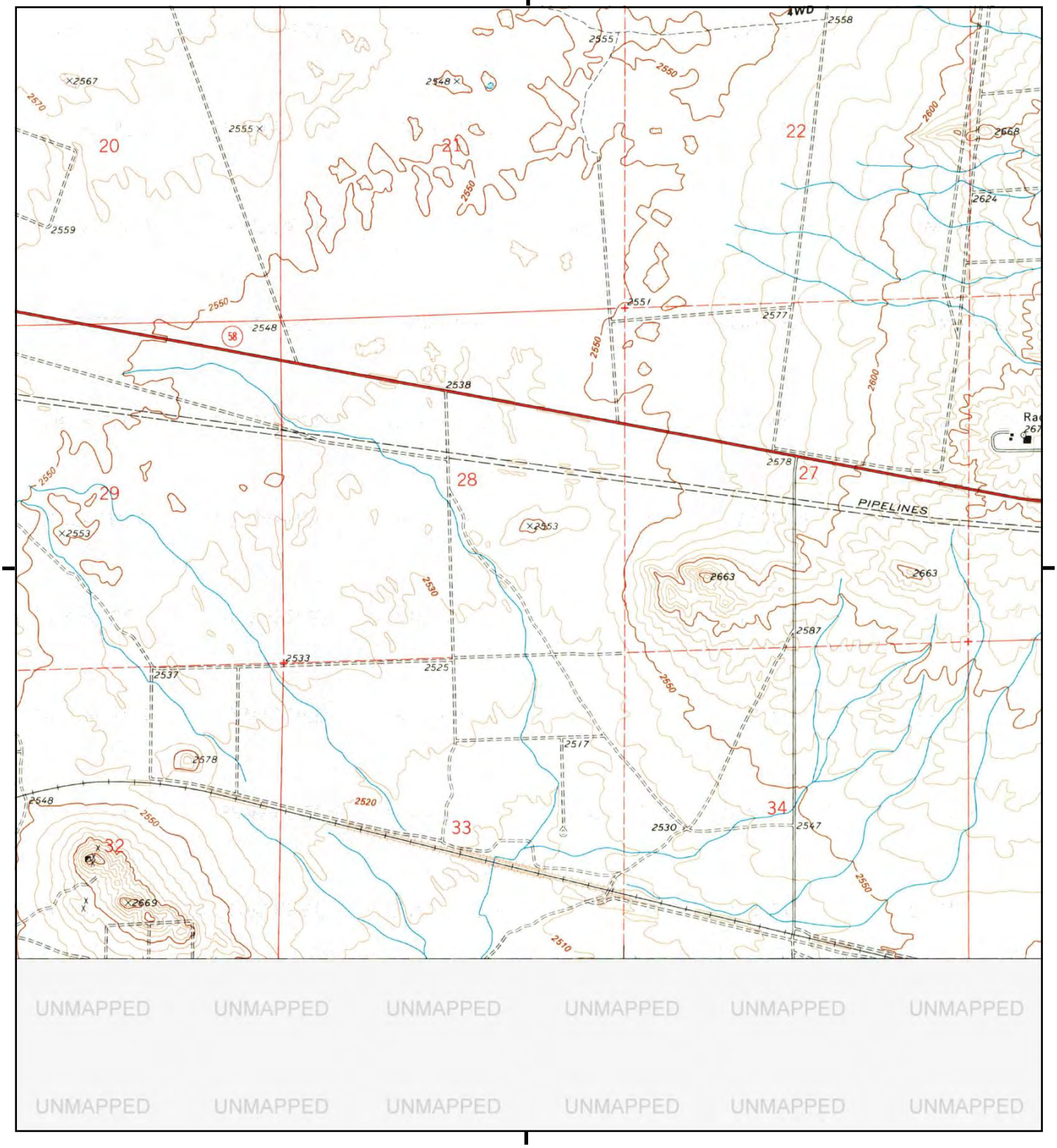
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 2012, 7.5-minute
S, Bissell, 2012, 7.5-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

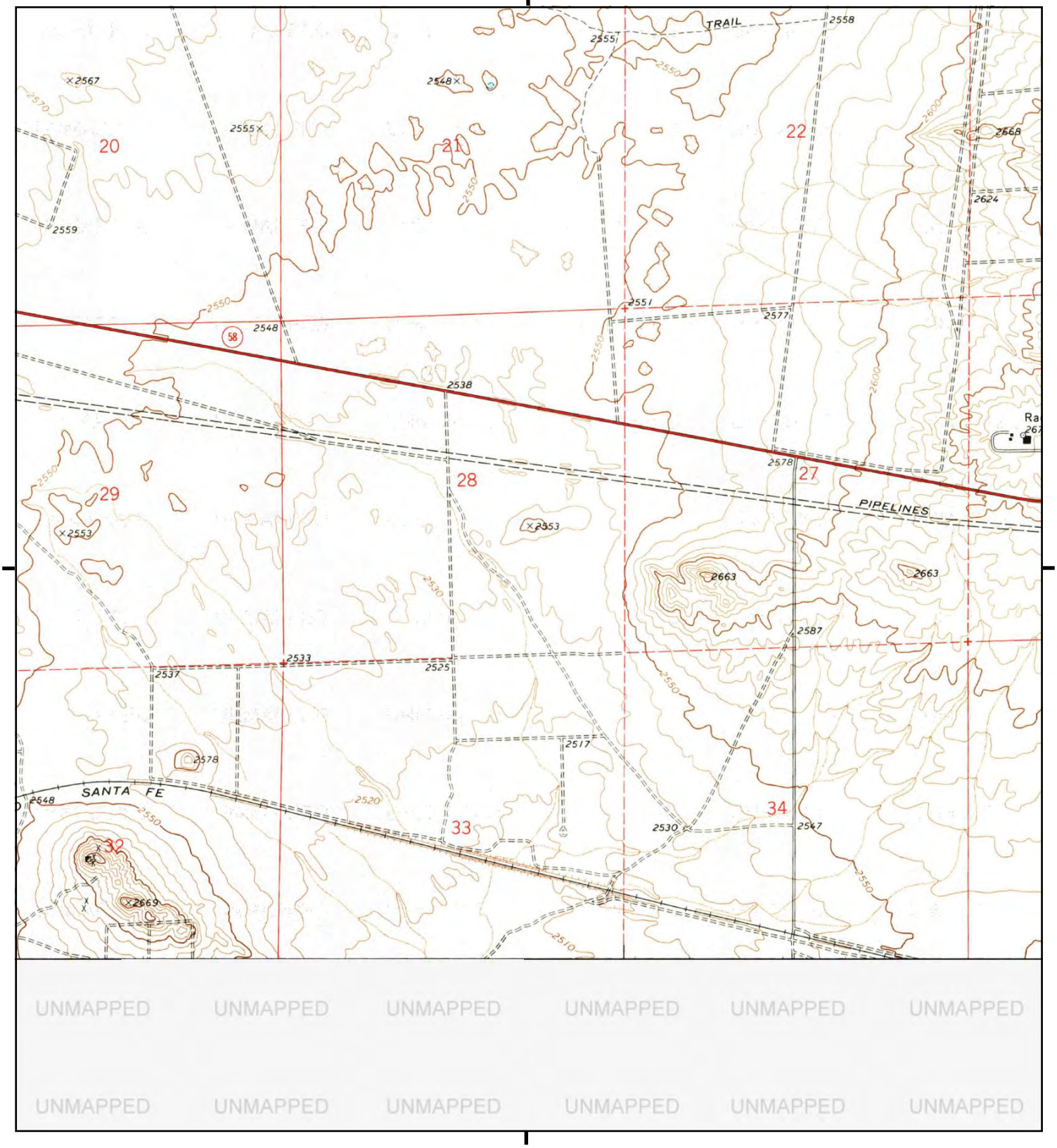
TP, Sanborn, 1994, 7.5-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

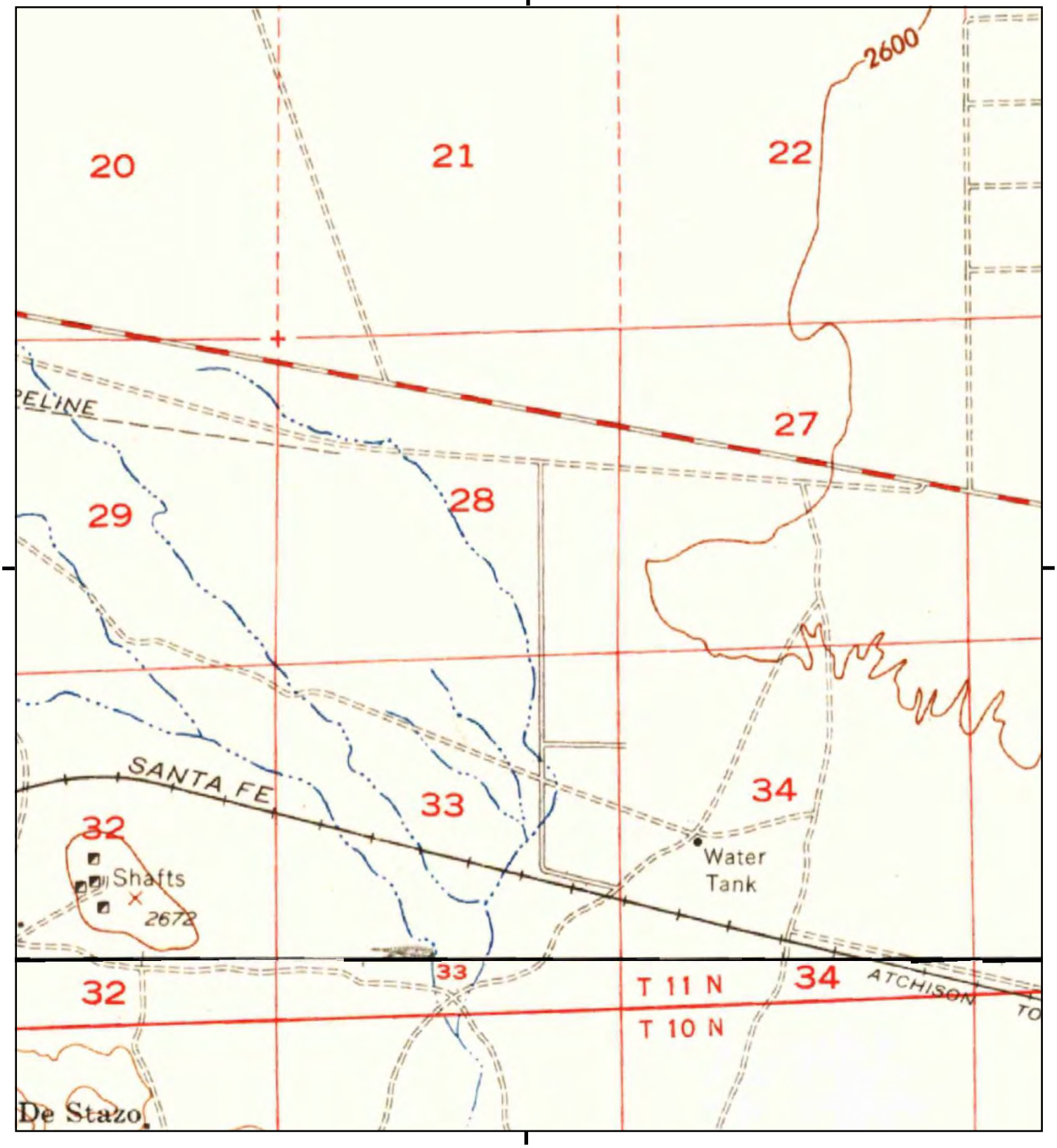
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

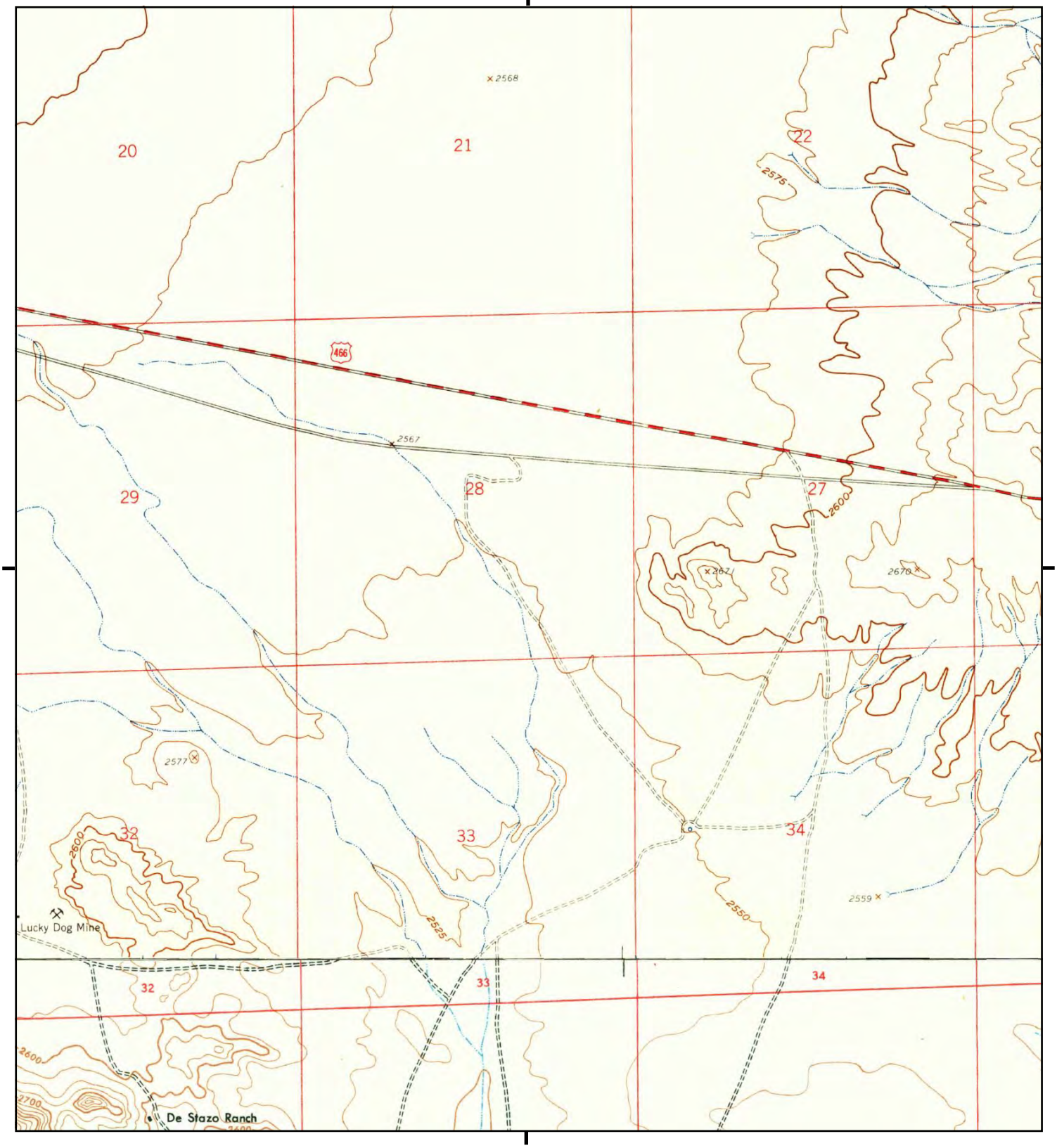
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1956, 15-minute
SW, Rosamond, 1956, 15-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

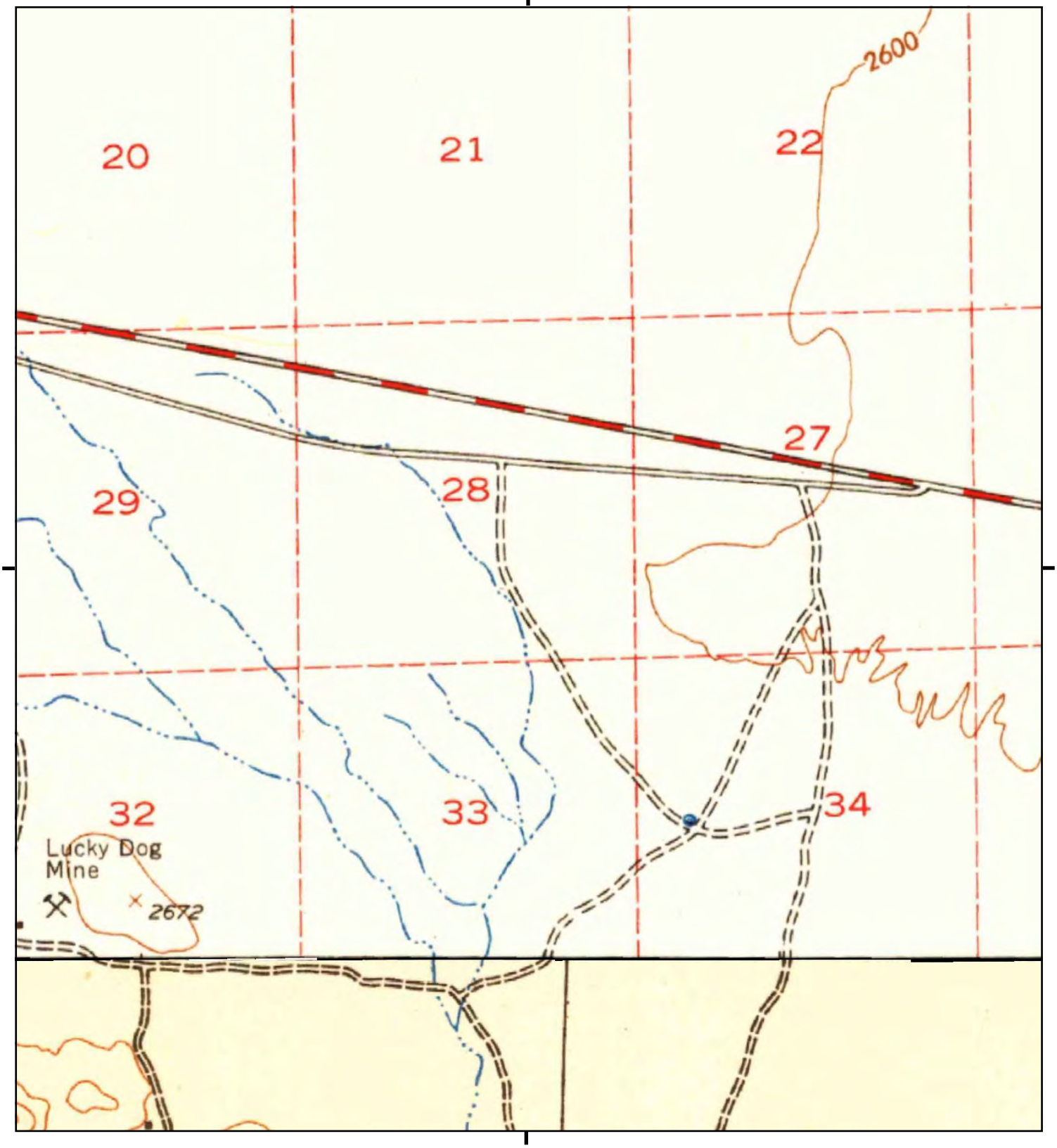
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Plano, 1947, 7.5-minute
S, Bissell, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

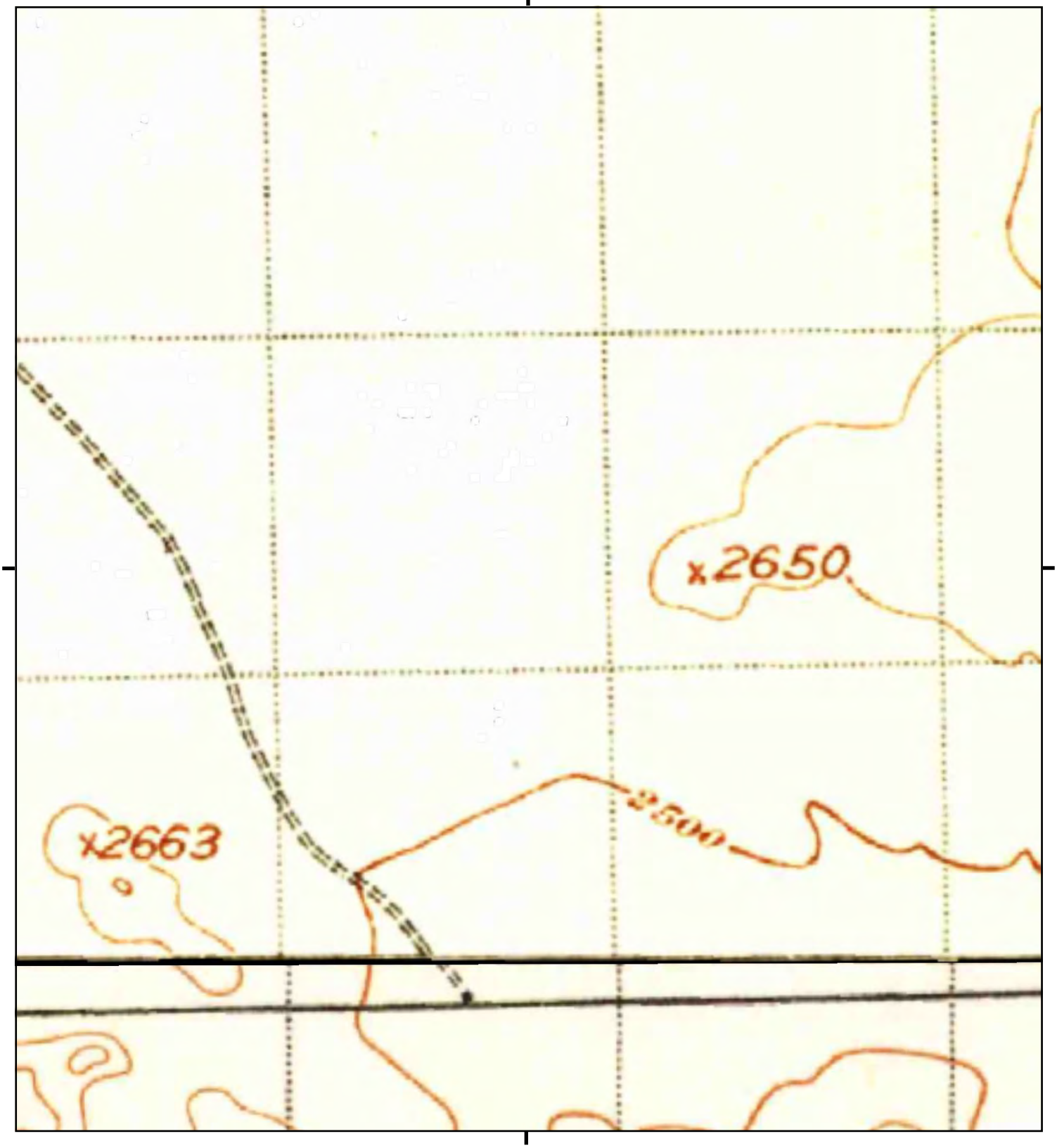
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
SW, Rosamond, 1943, 15-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1915, 30-minute
SW, Elizabeth Lake, 1915, 30-minute

SITE NAME: Bellefield 11
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Bellefield 12

Bellefield

Mojave, CA 93501

Inquiry Number: 5767712.12

August 27, 2019

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

08/27/19

Site Name:

Bellefield 12
Bellefield
Mojave, CA 93501
EDR Inquiry # 5767712.12

Client Name:

EDR Production Test Acct
440 Wheelers Farms Road
Milford, CT 06460
Contact: Richard Luttrell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by EDR Production Test Acct 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. EDRs 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:

P.O.#

Project:

Coordinates:

Latitude:	35.016954 35° 1' 1" North
Longitude:	-118.012198 -118° 0' 44" West
UTM Zone:	Zone 11 North
UTM X Meters:	407652.66
UTM Y Meters:	3875391.30
Elevation:	2656.00' above sea level

Maps Provided:

2012
1992, 1994
1980
1956
1947
1942, 1943
1915

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Bissell
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

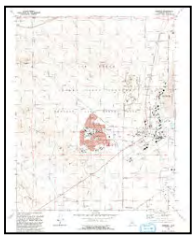


Edwards
2012
7.5-minute, 24000



California City South
2012
7.5-minute, 24000

1992, 1994 Source Sheets



Edwards
1992
7.5-minute, 24000
Aerial Photo Revised 1989



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1980 Source Sheets



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Castle Butte
1956
15-minute, 62500
Aerial Photo Revised 1943



Rosamond
1956
15-minute, 62500
Aerial Photo Revised 1952



Rogers Lake
1956
15-minute, 62500
Aerial Photo Revised 1953

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Bissell
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Fluhr
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Desert Butte
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1942, 1943 Source Sheets



Rogers Lake
1942
15-minute, 62500



Rosamond
1943
15-minute, 62500



Castle Butte
1943
15-minute, 62500
Aerial Photo Revised 1943



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943

1915 Source Sheets



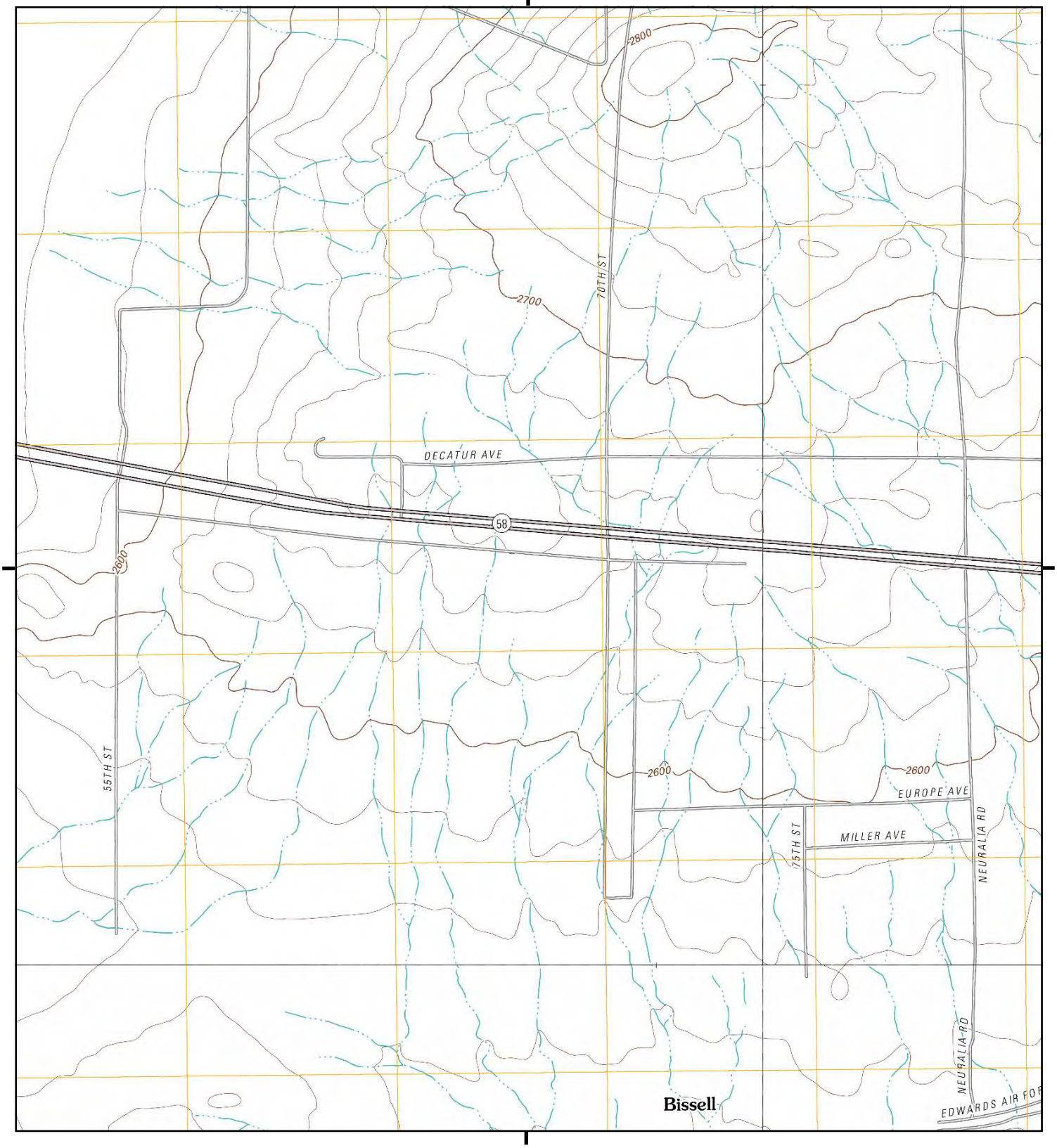
Mojave
1915
30-minute, 125000



Elizabeth Lake
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

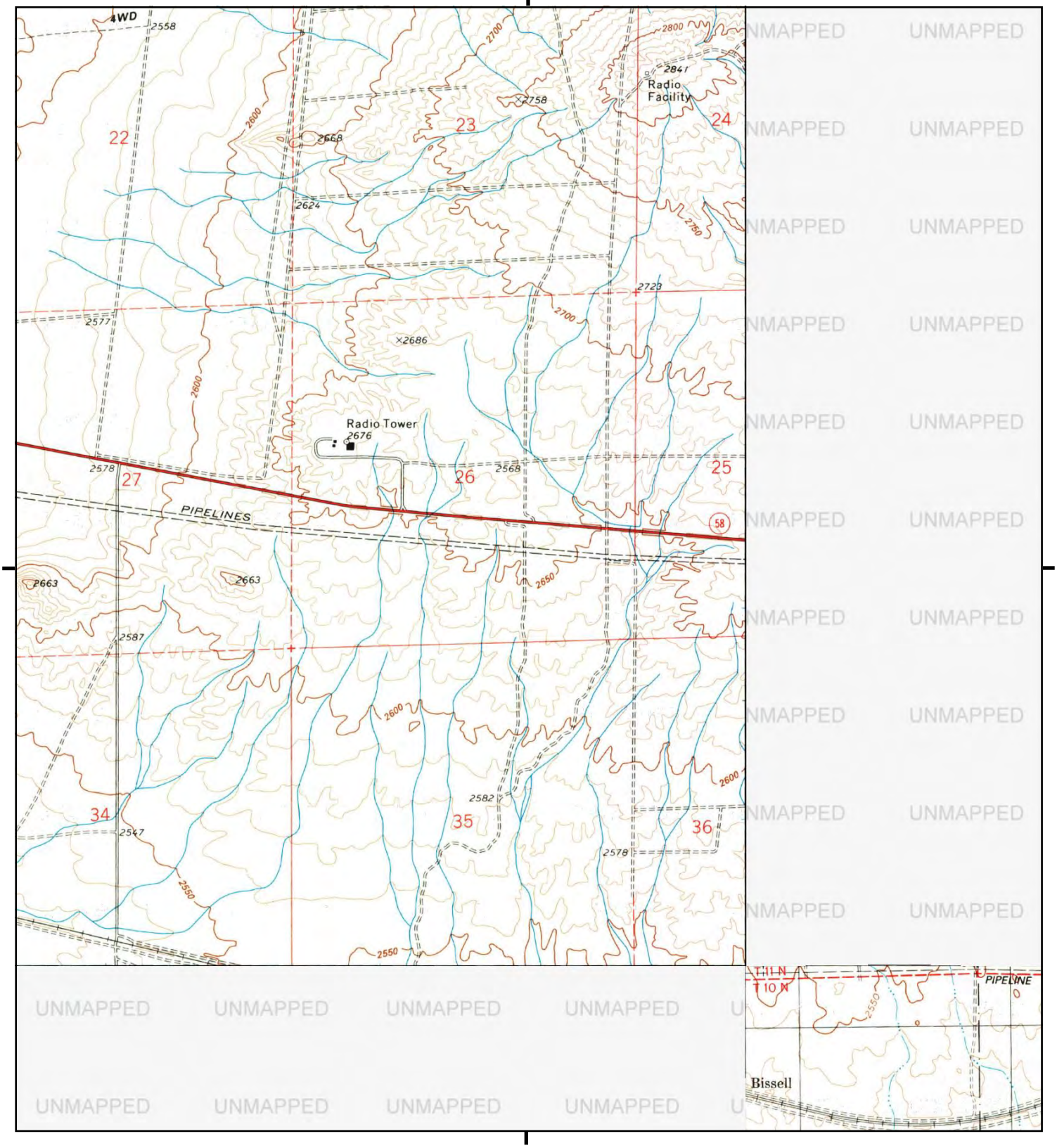
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Sanborn, 2012, 7.5-minute
NE, California City South, 2012, 7.5-minute
SE, Edwards, 2012, 7.5-minute
SW, Bissell, 2012, 7.5-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

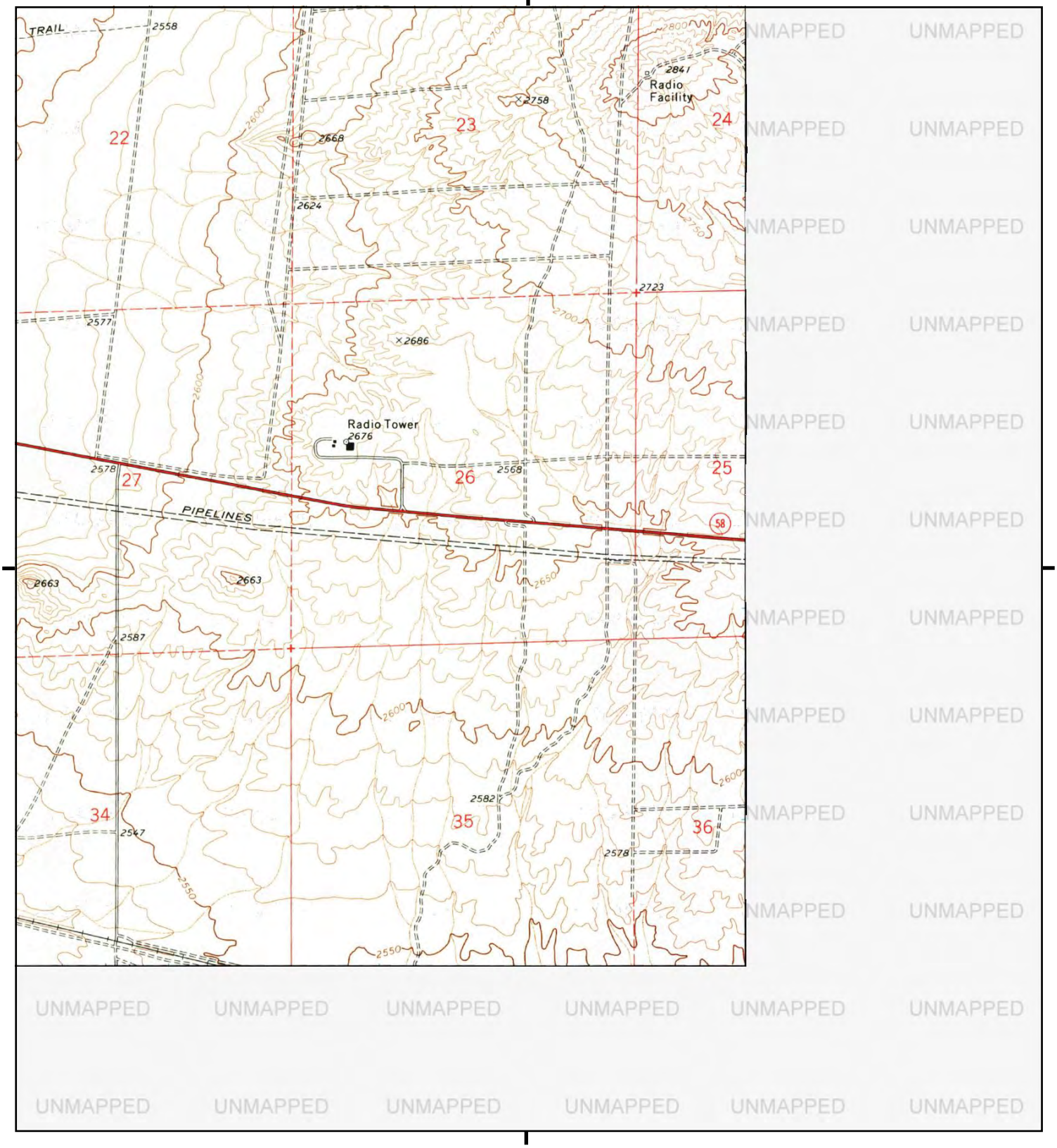
TP, Sanborn, 1994, 7.5-minute
SE, Edwards, 1992, 7.5-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

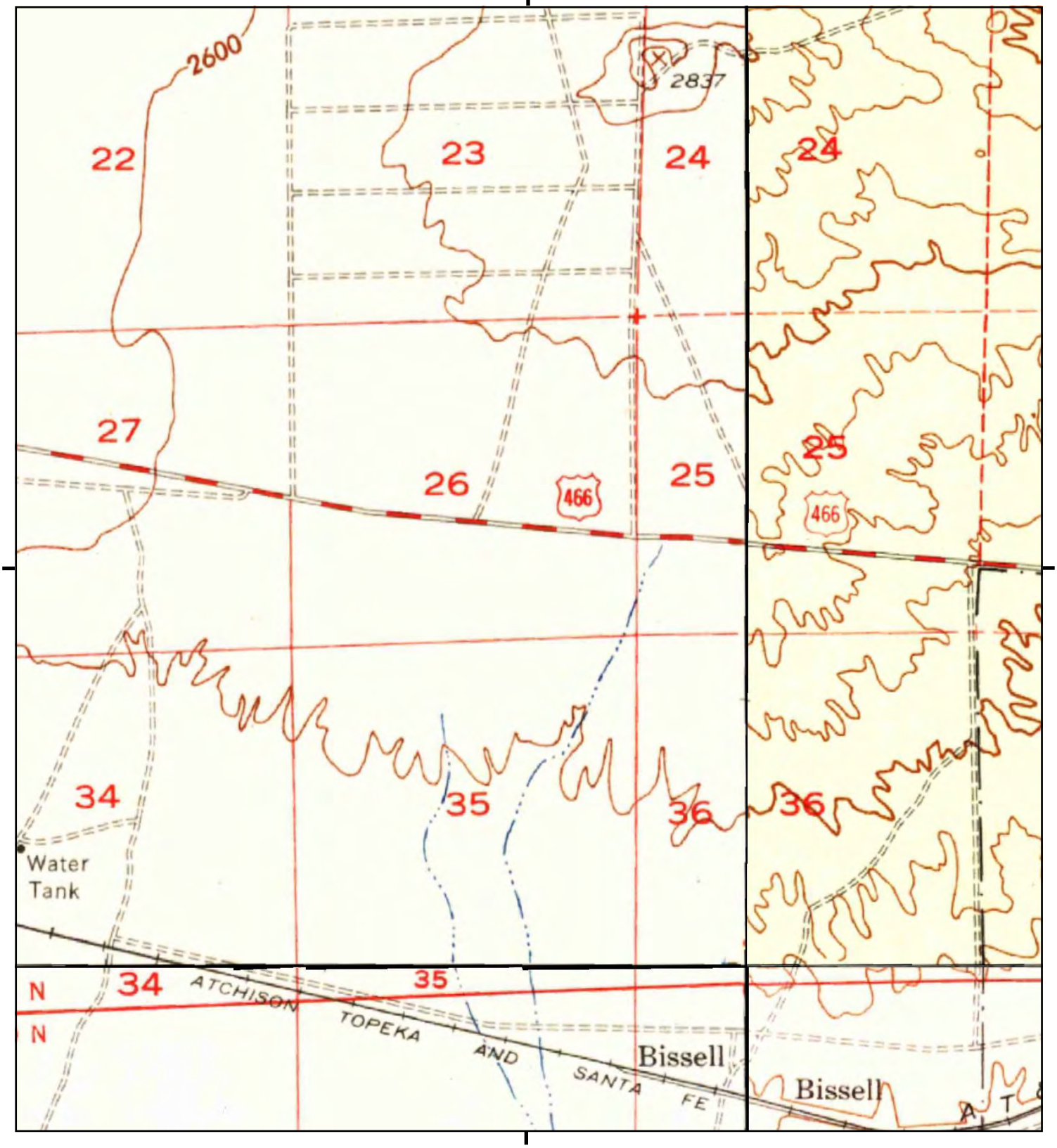
TP, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

Historical Topo Map

1956



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

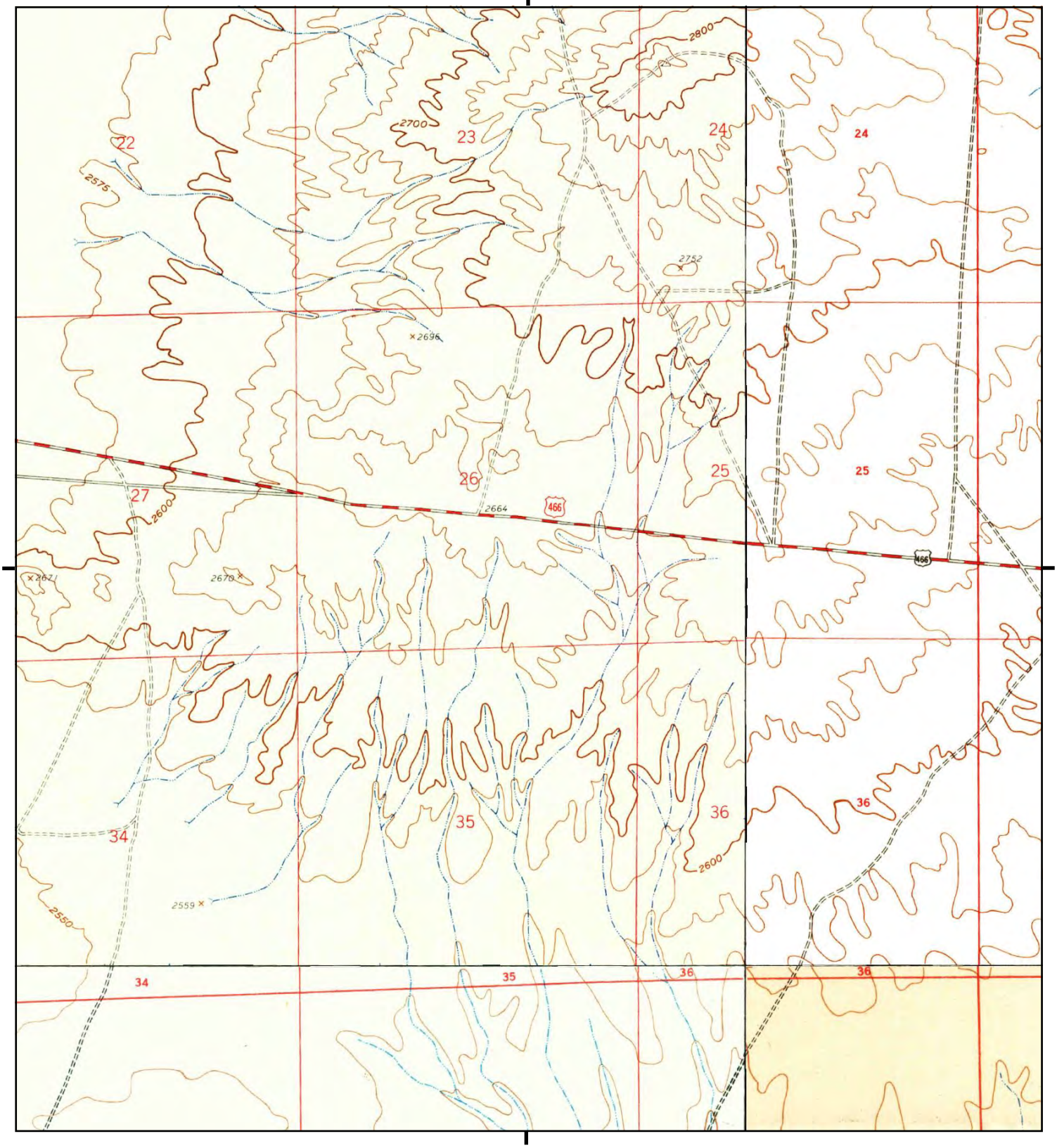
TP, Mojave, 1956, 15-minute
NE, Castle Butte, 1956, 15-minute
SE, Rogers Lake, 1956, 15-minute
SW, Rosamond, 1956, 15-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N

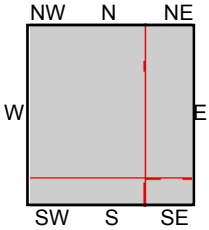
Historical Topo Map

1947



This report includes information from the following map sheet(s).

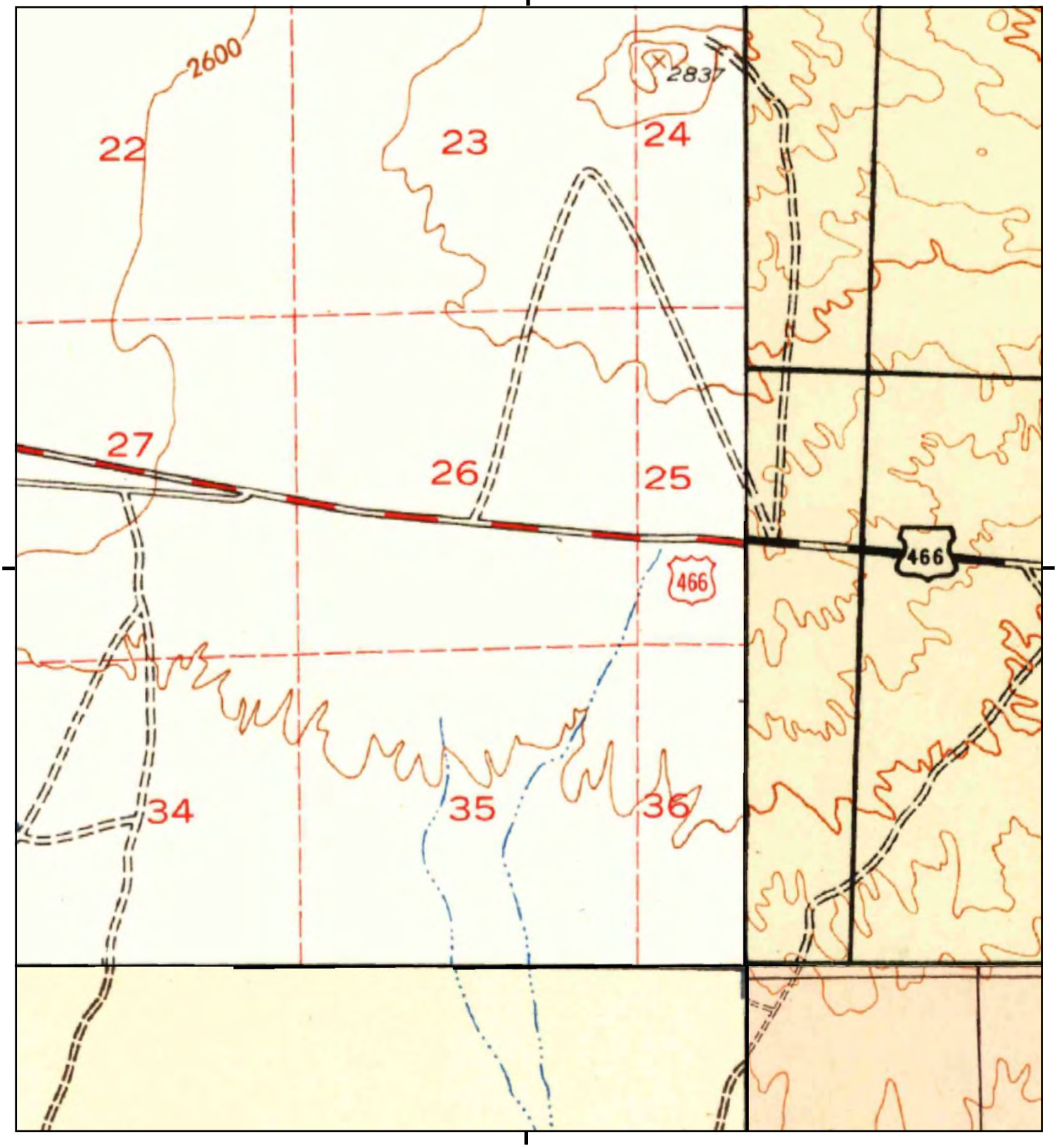
0 Miles 0.25 0.5 1 1.5



TP, Plano, 1947, 7.5-minute
NE, Desert Butte, 1947, 7.5-minute
SE, Fluhr, 1947, 7.5-minute
SW, Bissell, 1947, 7.5-minute
TP, Sanborn, 1947, 7.5-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

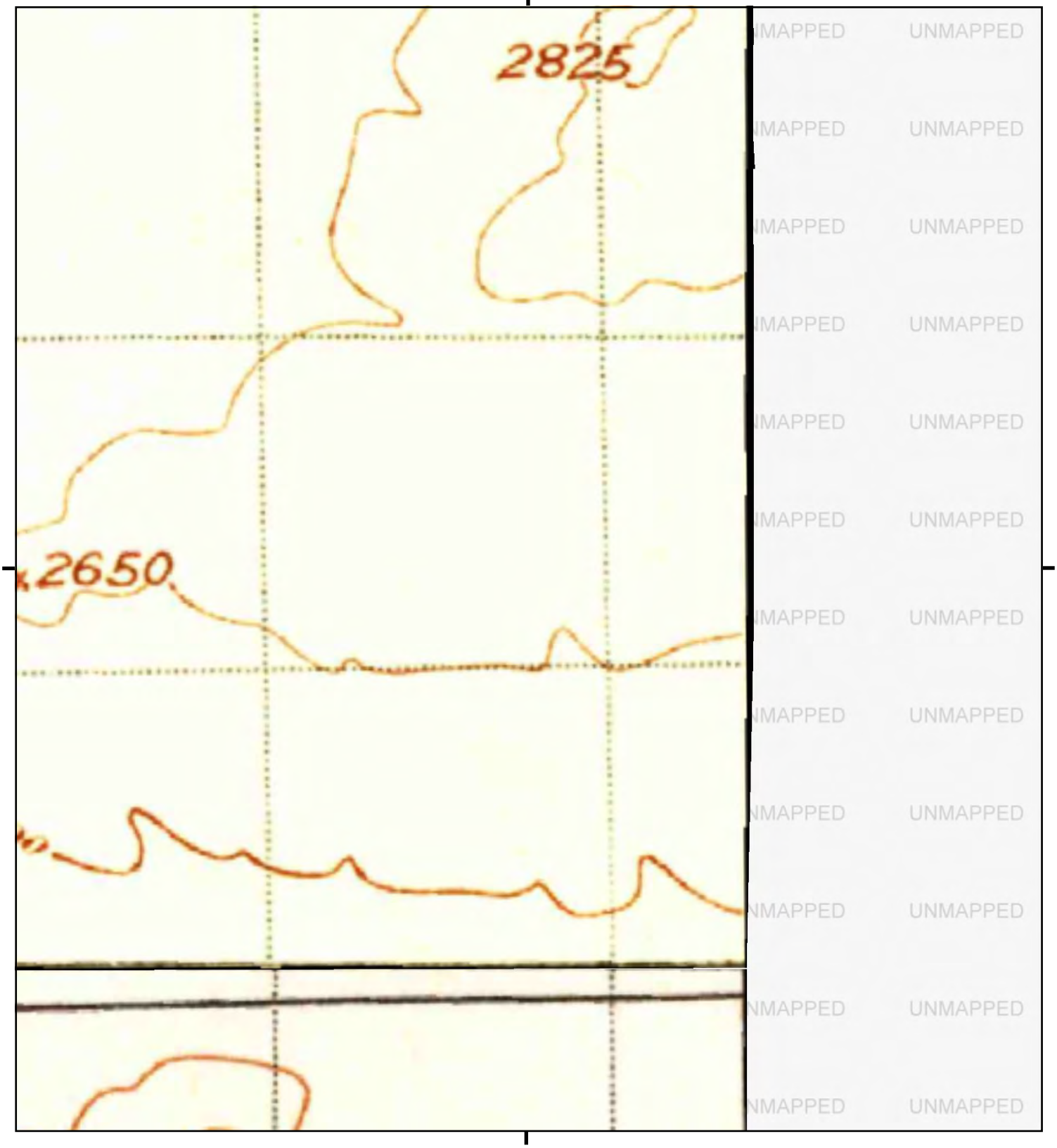
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Mojave, 1943, 15-minute
NE, Castle Butte, 1943, 15-minute
SE, Rogers Lake, 1942, 15-minute
SW, Rosamond, 1943, 15-minute

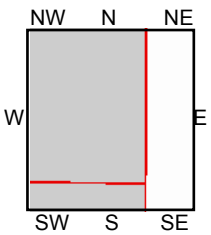
SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



This report includes information from the following map sheet(s).

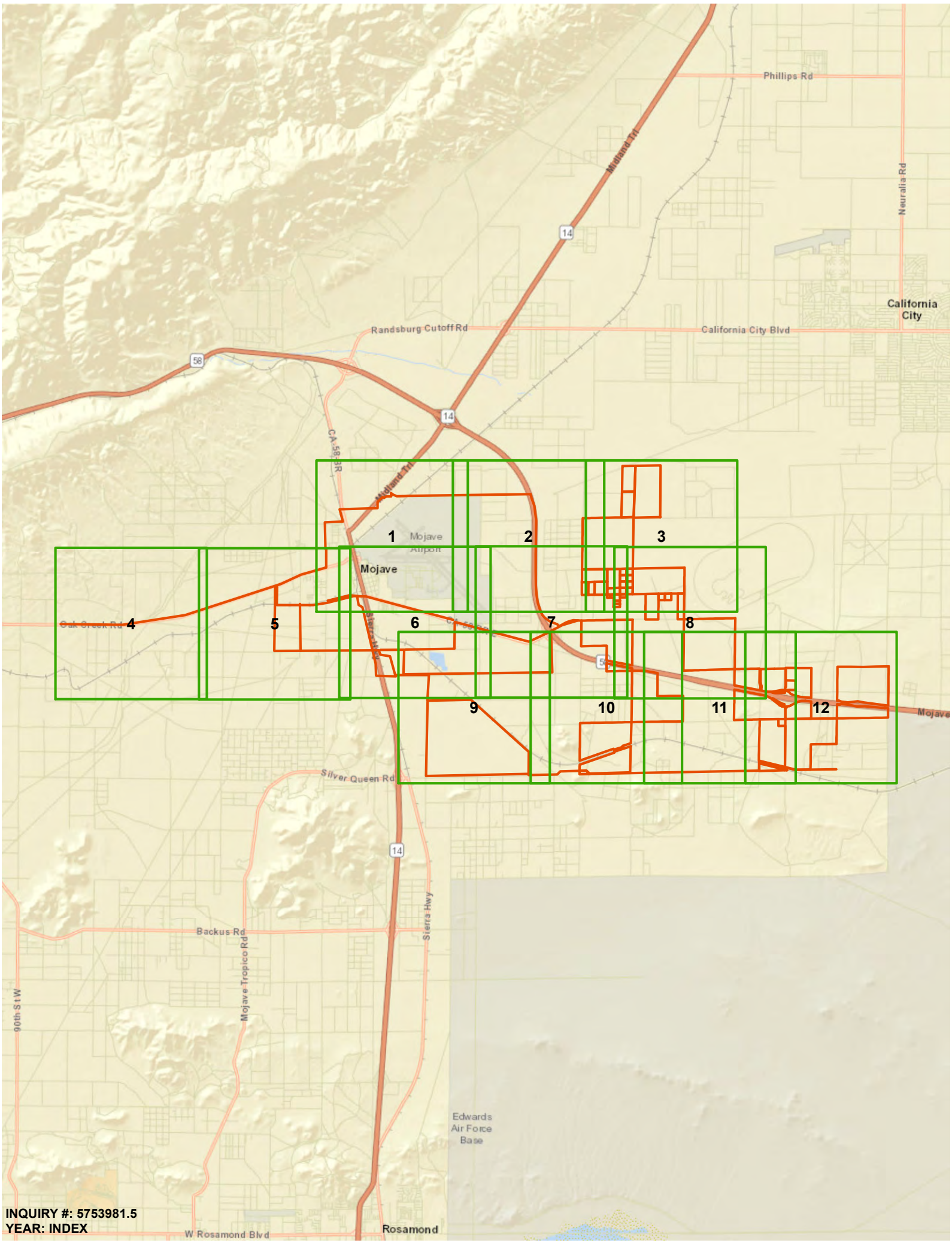
0 Miles 0.25 0.5 1 1.5



TP, Mojave, 1915, 30-minute
SW, Elizabeth Lake, 1915, 30-minute

SITE NAME: Bellefield 12
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: EDR Production Test Acct

N



INQUIRY #: 5753981.5
YEAR: INDEX

Bellefield

Bellefield

Mojave, CA 93501

Inquiry Number: 5759391.5

August 23, 2019

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

08/23/19

Site Name:	Client Name:
Bellefield	Stantec
Bellefield	735 E. Carnegie Drive, Suite 280
Mojave, CA 93501	SAN BERNARDINO, CA 92408
EDR Inquiry # 5759391.5	Contact: Alicia Jansen

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec 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. EDRs 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:

P.O.# NA

Project: NA

Coordinates:

Latitude:	35.037378 35° 2' 15" North
Longitude:	-118.0947 -118° 5' 41" West
UTM Zone:	Zone 11 North
UTM X Meters:	400150.17
UTM Y Meters:	3877735.82
Elevation:	2603.00' above sea level

Maps Provided:

2012	1956
1995	1947
1994	1943
1994, 1995	1915
1983	
1980	
1973	
1966	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Monolith
2012
7.5-minute, 24000



Mojave
2012
7.5-minute, 24000



Sanborn
2012
7.5-minute, 24000

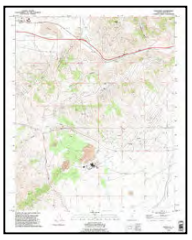


California City South
2012
7.5-minute, 24000

1995 Source Sheets



Mojave
1995
7.5-minute, 24000
Aerial Photo Revised 1992



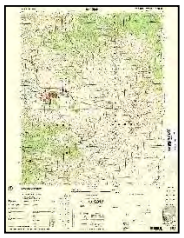
Monolith
1995
7.5-minute, 24000
Aerial Photo Revised 1992

1994 Source Sheets



Sanborn
1994
7.5-minute, 24000
Aerial Photo Revised 1972

1983 Source Sheets

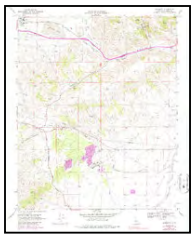


TEHACHAPI
1983
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1980 Source Sheets

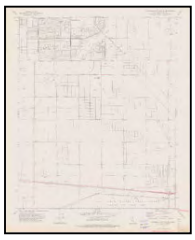


Monolith
1980
7.5-minute, 24000
Aerial Photo Revised 1973



Sanborn
1980
7.5-minute, 24000
Aerial Photo Revised 1980

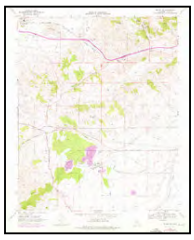
1973 Source Sheets



California City South
1973
7.5-minute, 24000
Aerial Photo Revised 1972

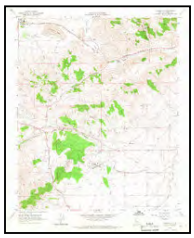


Mojave
1973
7.5-minute, 24000
Aerial Photo Revised 1972



Monolith
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1966 Source Sheets



Monolith
1966
7.5-minute, 24000
Aerial Photo Revised 1963

1956 Source Sheets



Mojave
1956
15-minute, 62500
Aerial Photo Revised 1943



Castle Butte
1956
15-minute, 62500
Aerial Photo Revised 1943

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



Plano
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Sanborn
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Desert Butte
1947
7.5-minute, 24000
Aerial Photo Revised 1946



Mojave
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1943 Source Sheets



Mojave
1943
15-minute, 62500
Aerial Photo Revised 1943



Tehachapi
1943
15-minute, 62500
Aerial Photo Revised 1943



Castle Butte
1943
15-minute, 62500
Aerial Photo Revised 1943

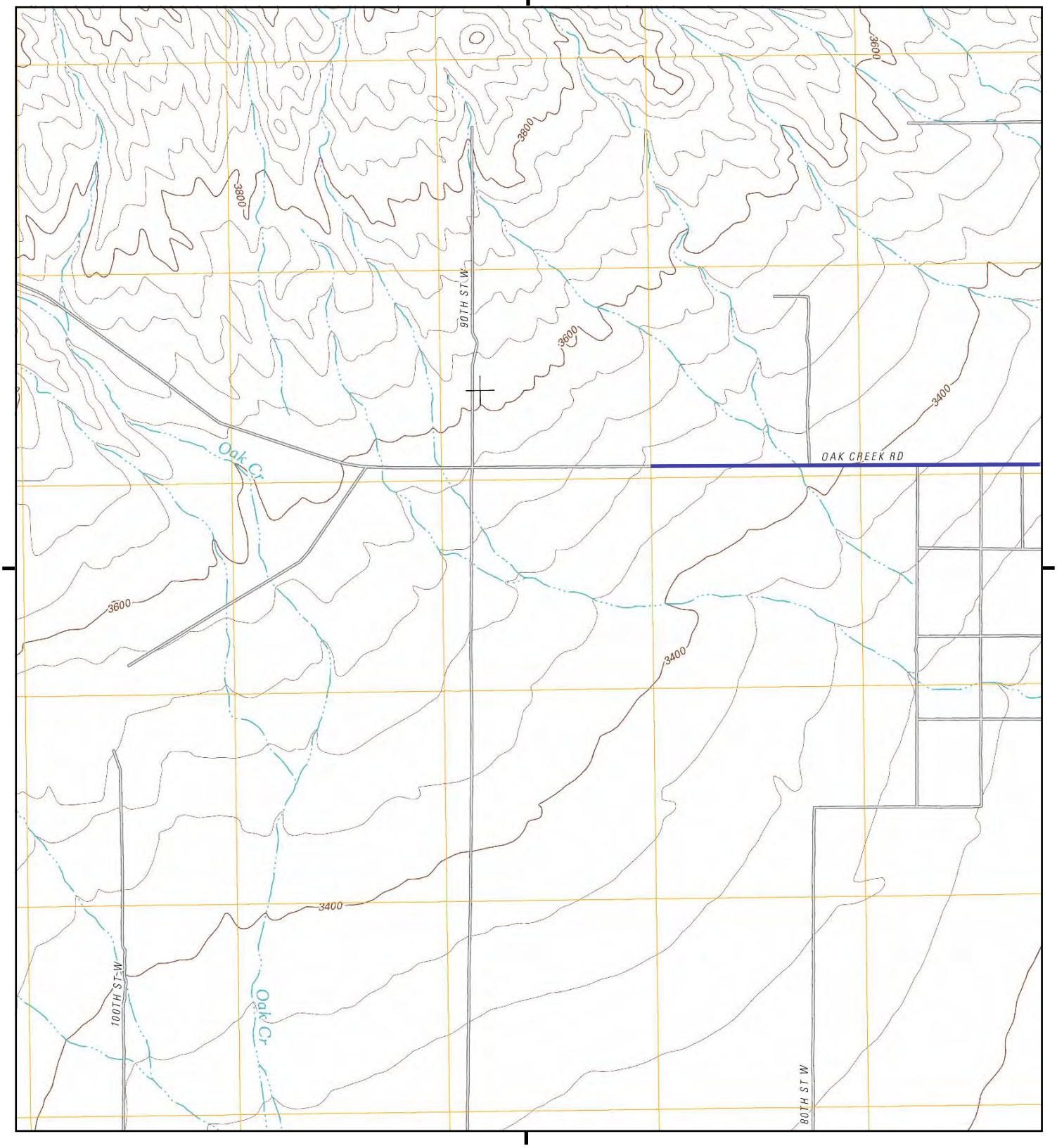
1915 Source Sheets



Mojave
1915
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

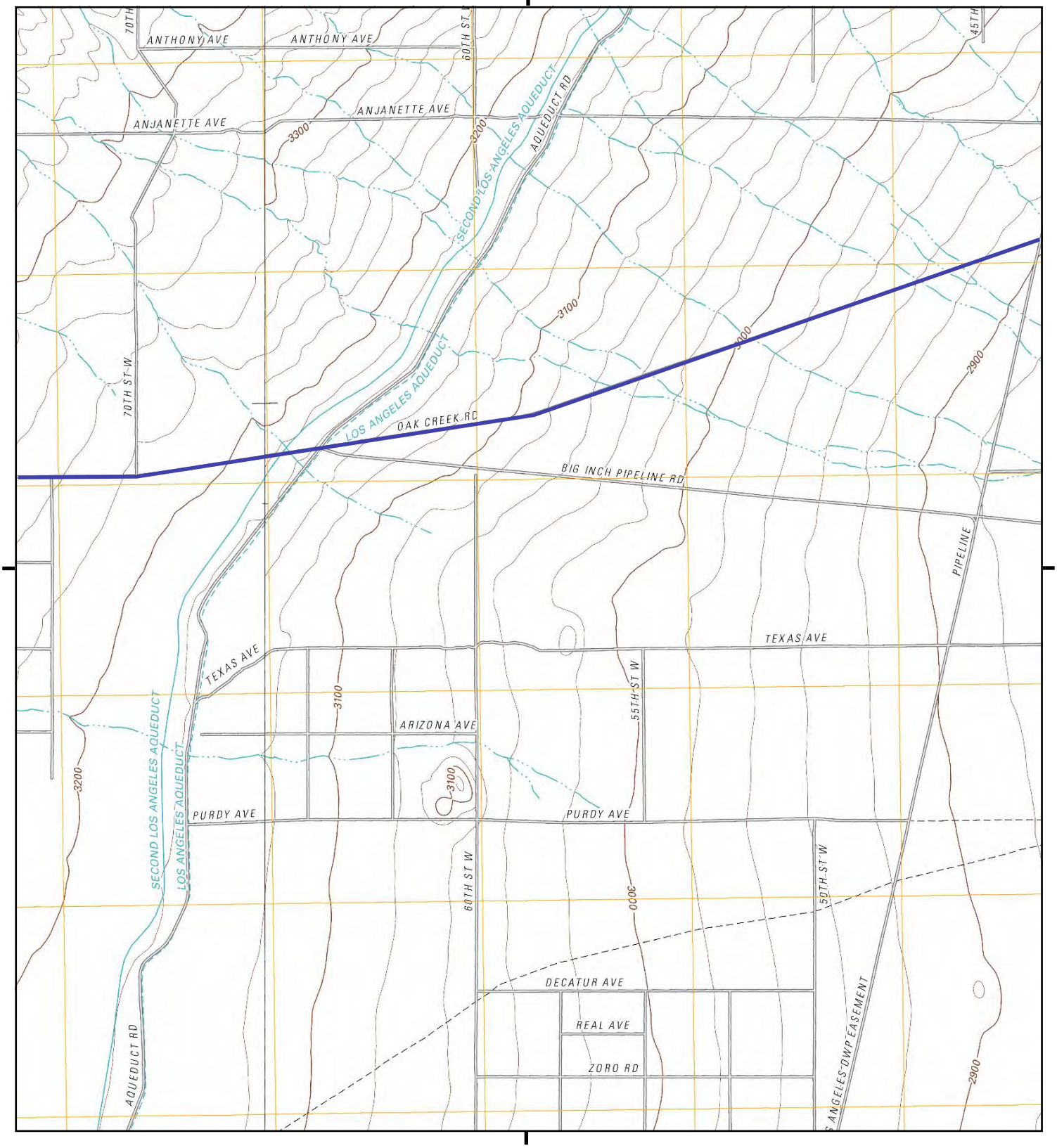
TP, Monolith, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

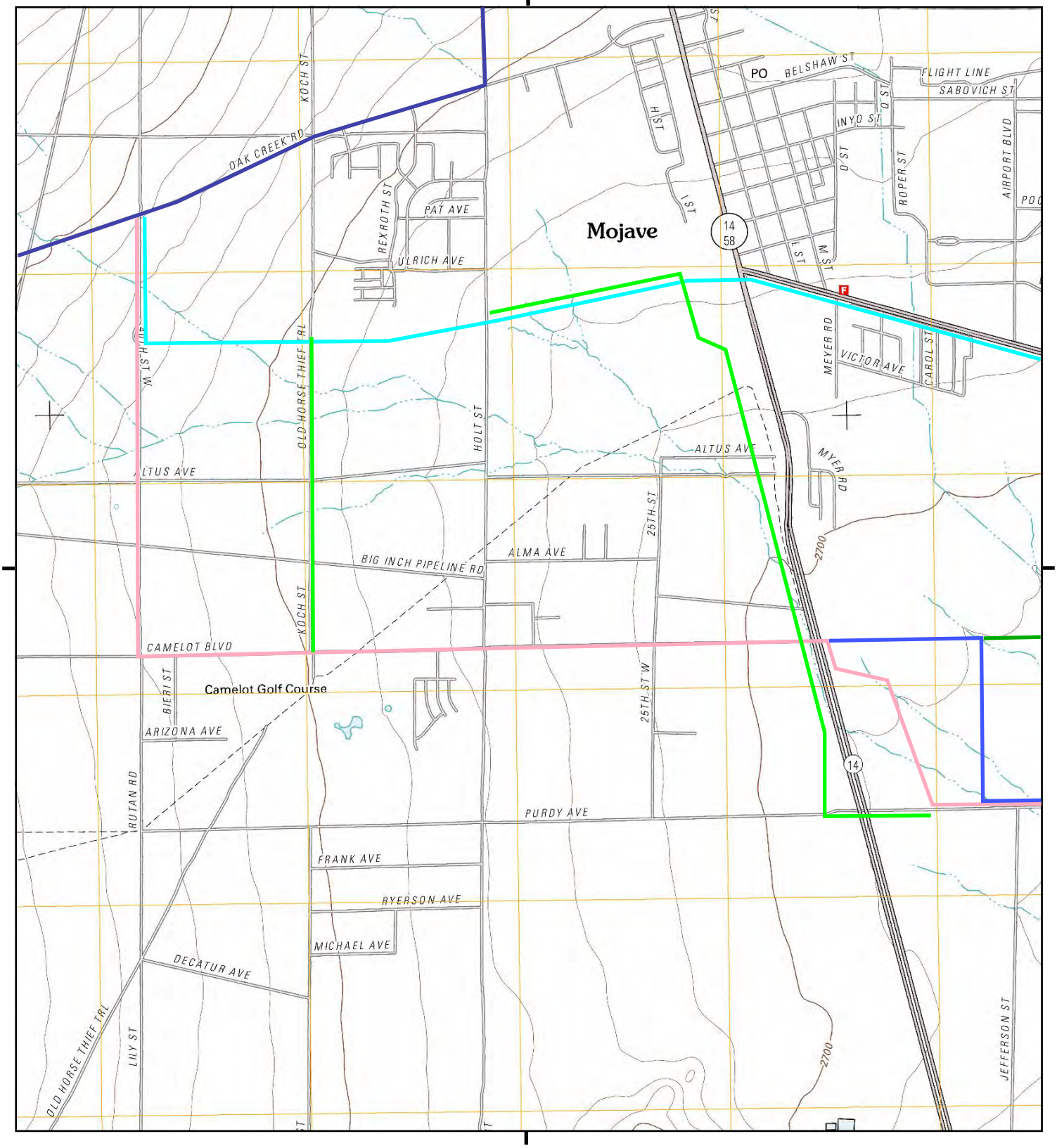
TP, Mojave, 2012, 7.5-minute
NW, Monolith, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

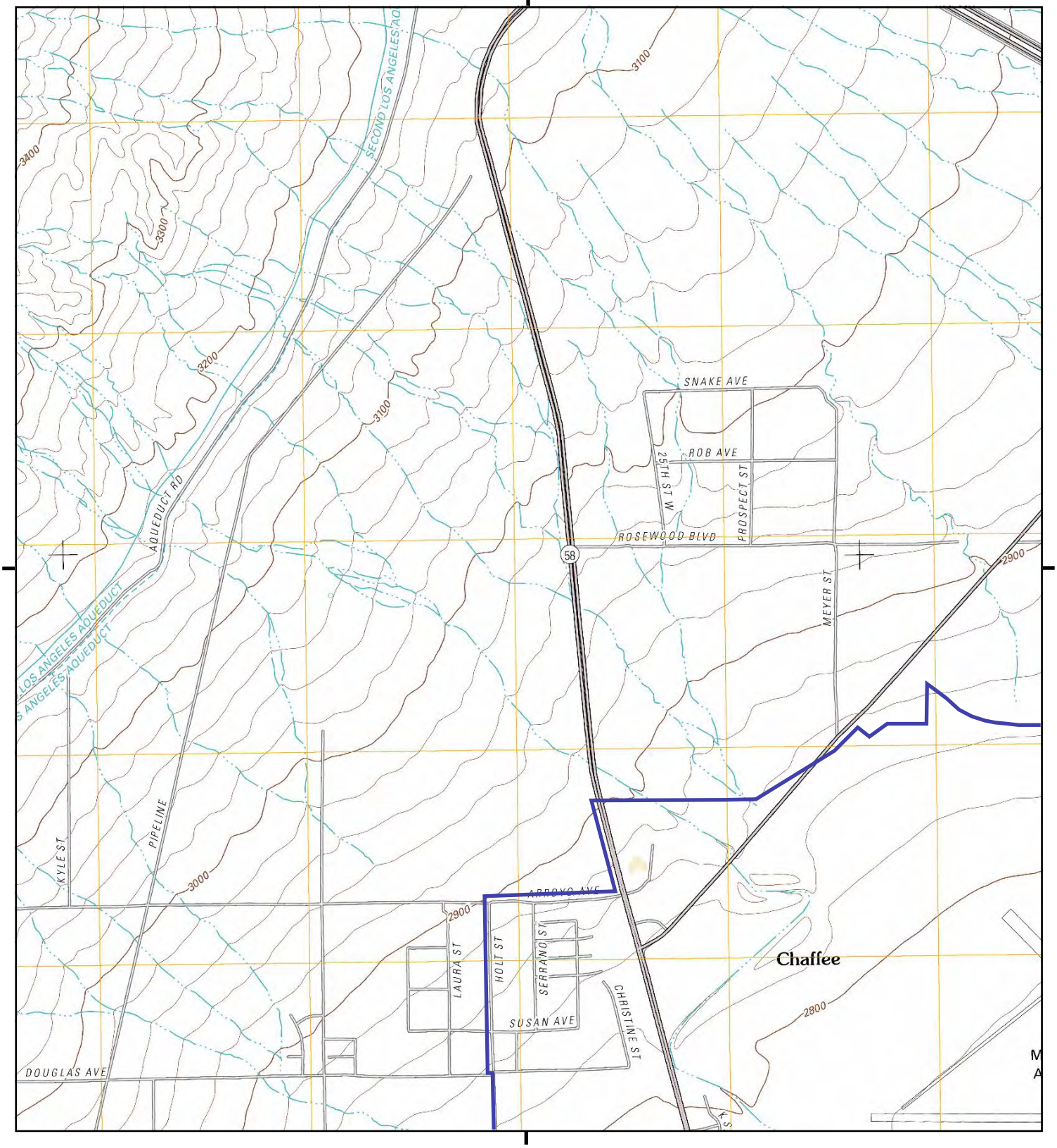
TP, Mojave, 2012, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
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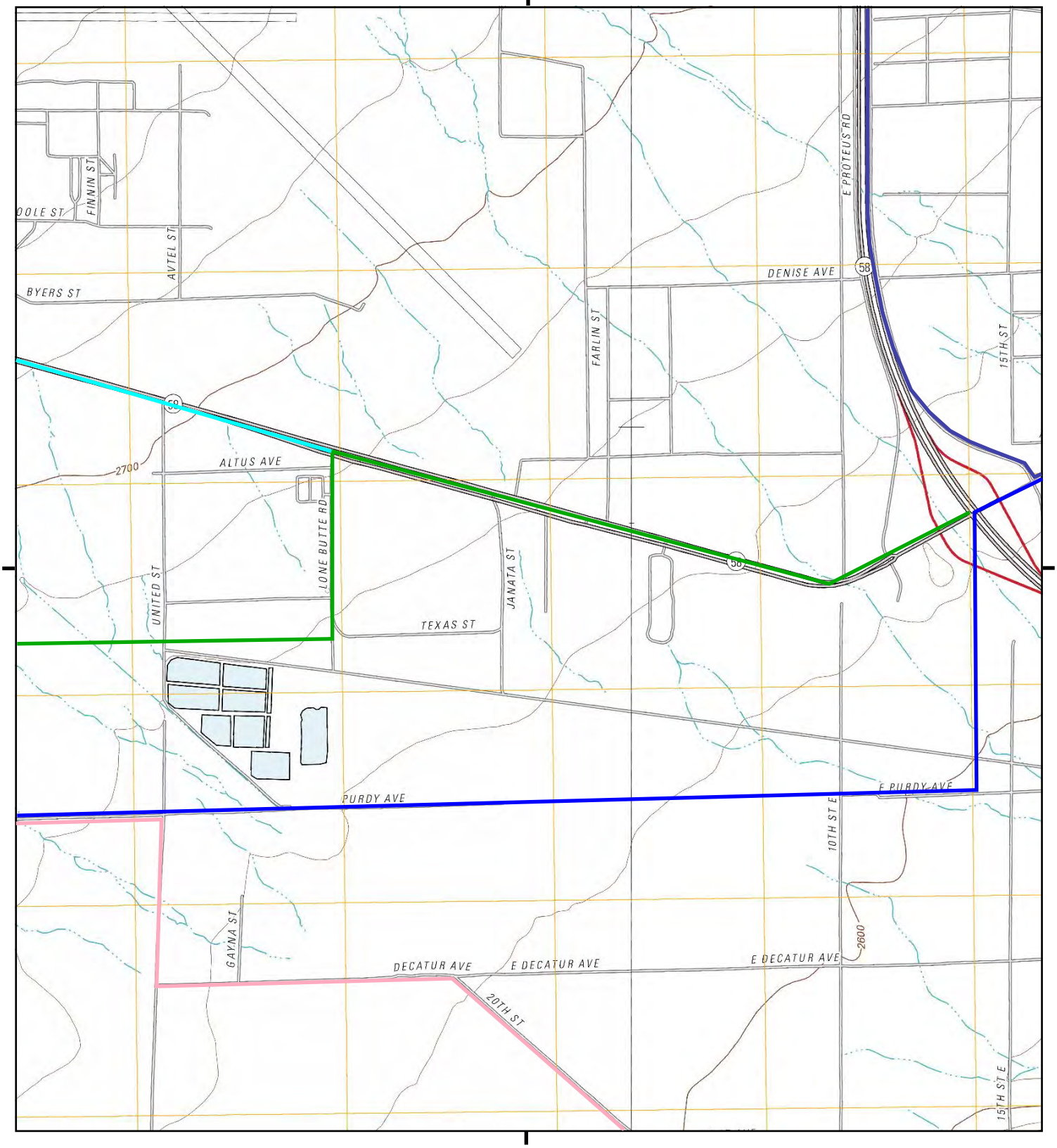
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CLIENT: Stantec

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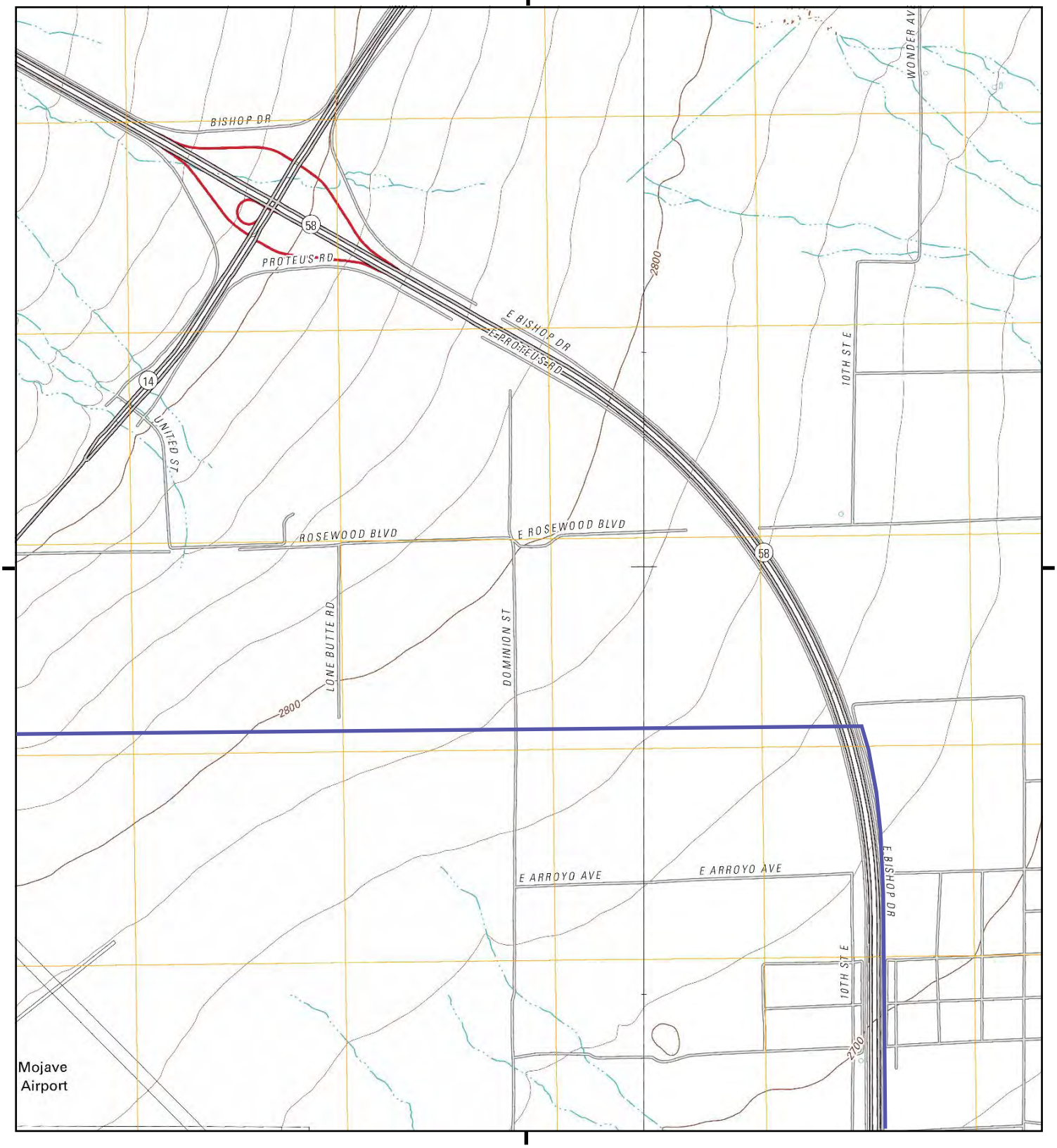
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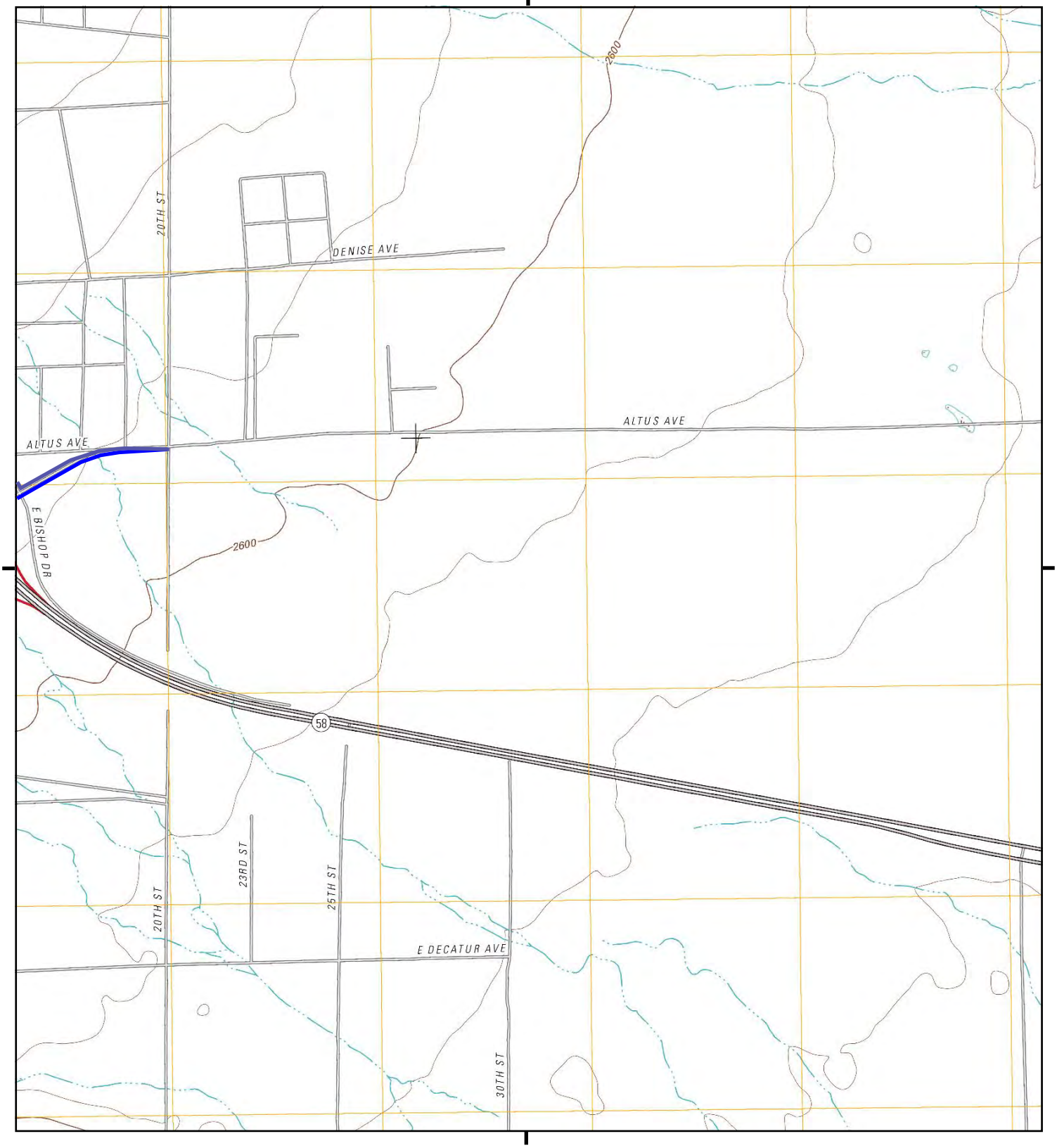
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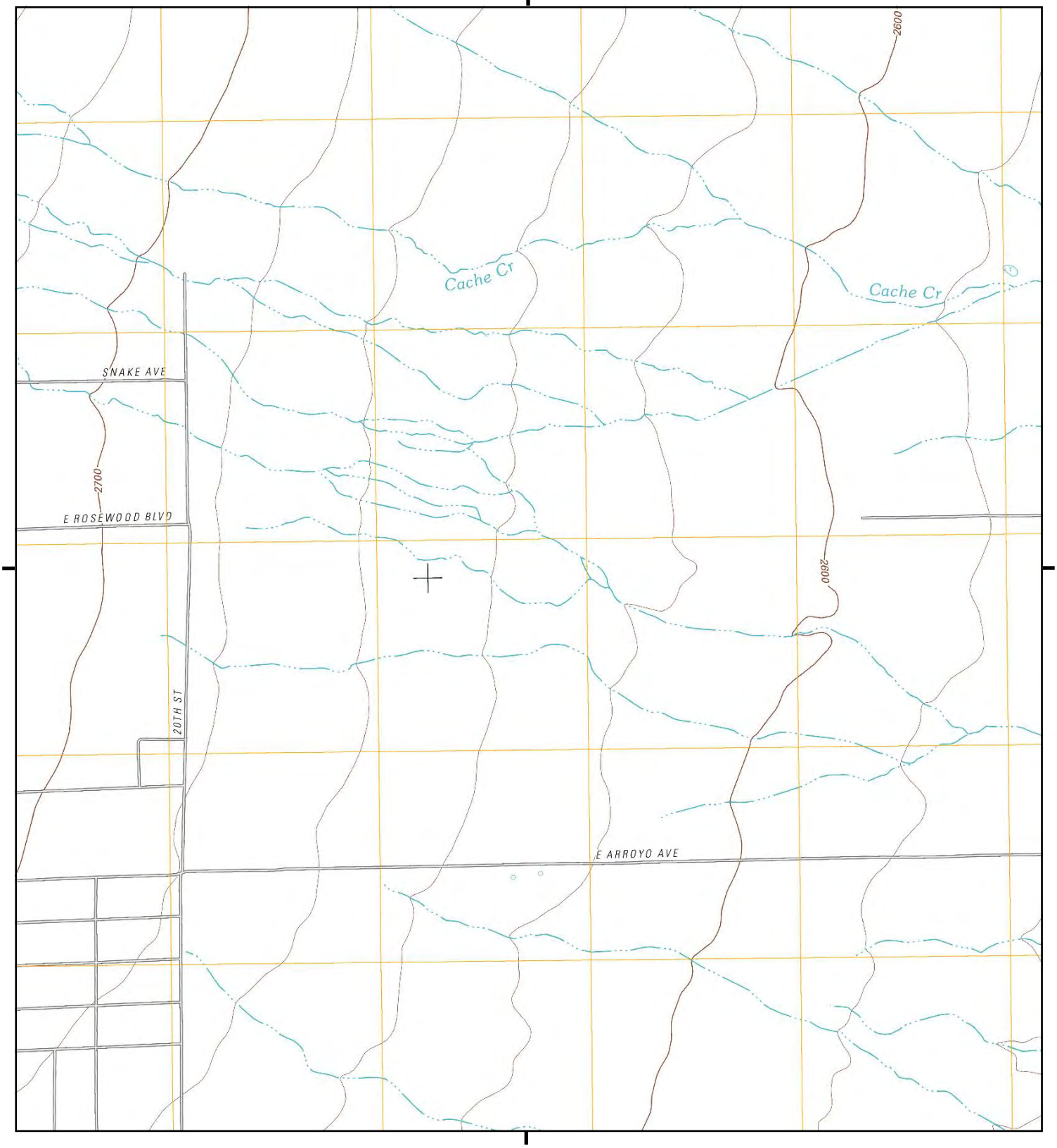
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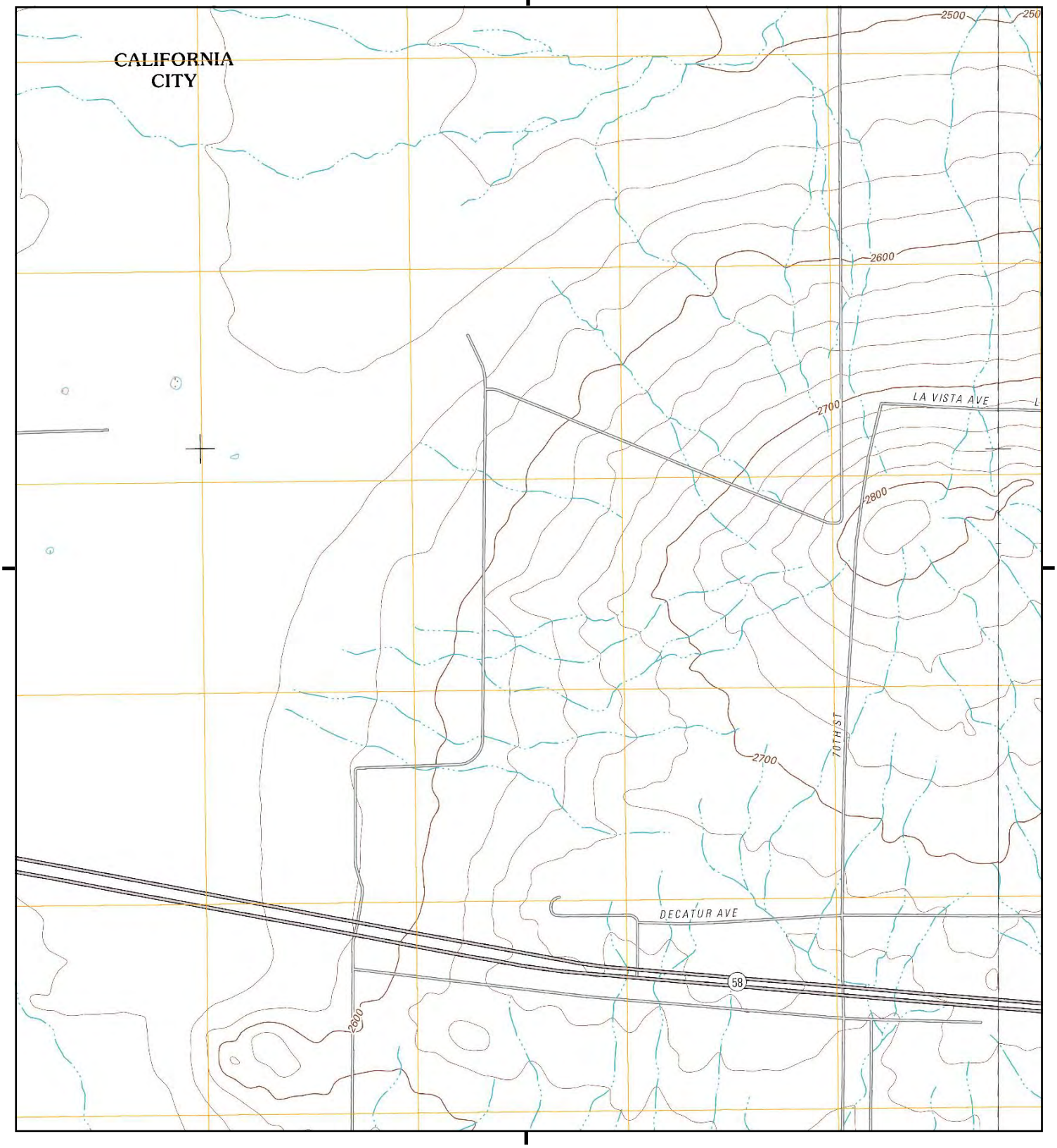
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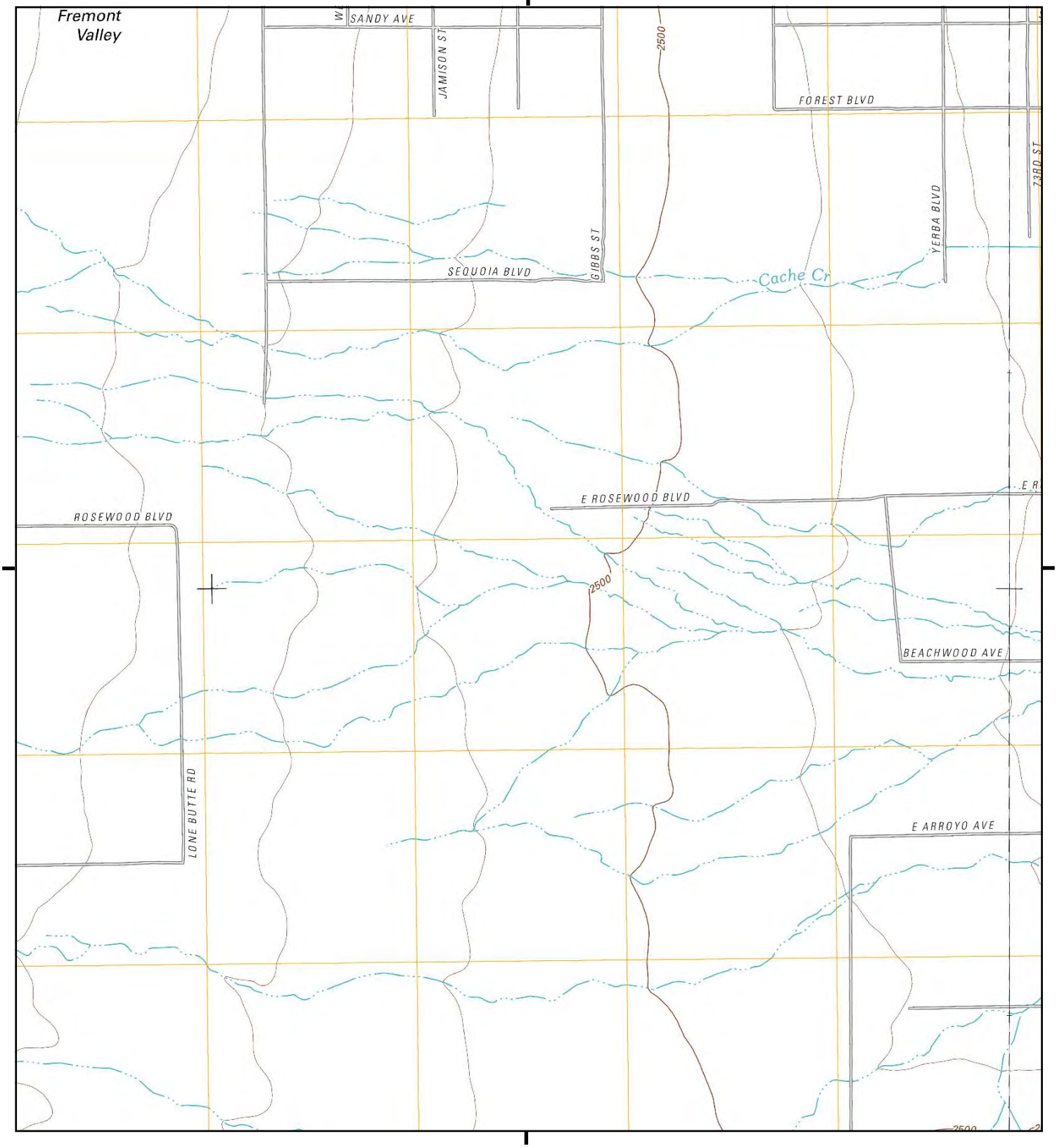
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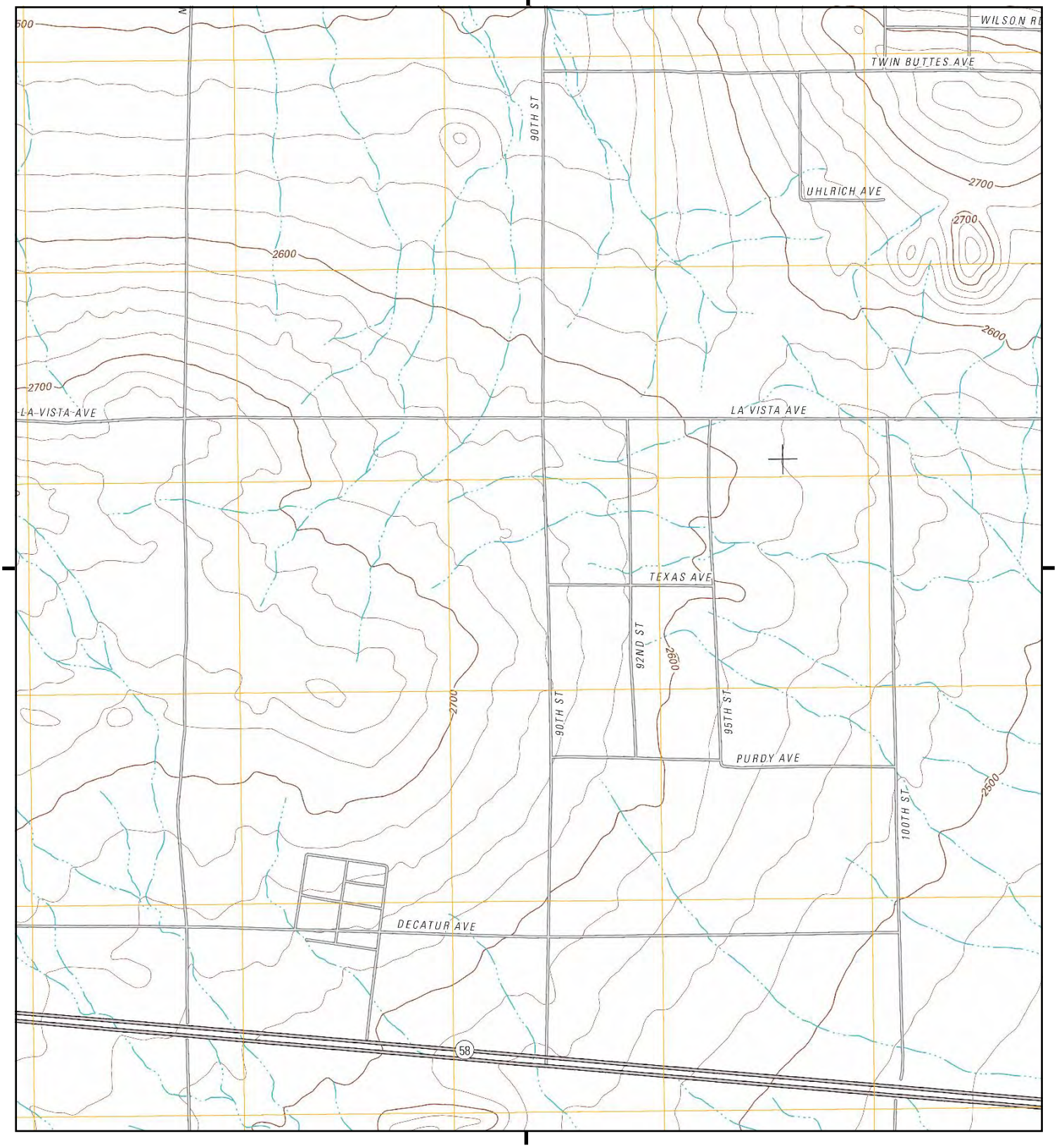
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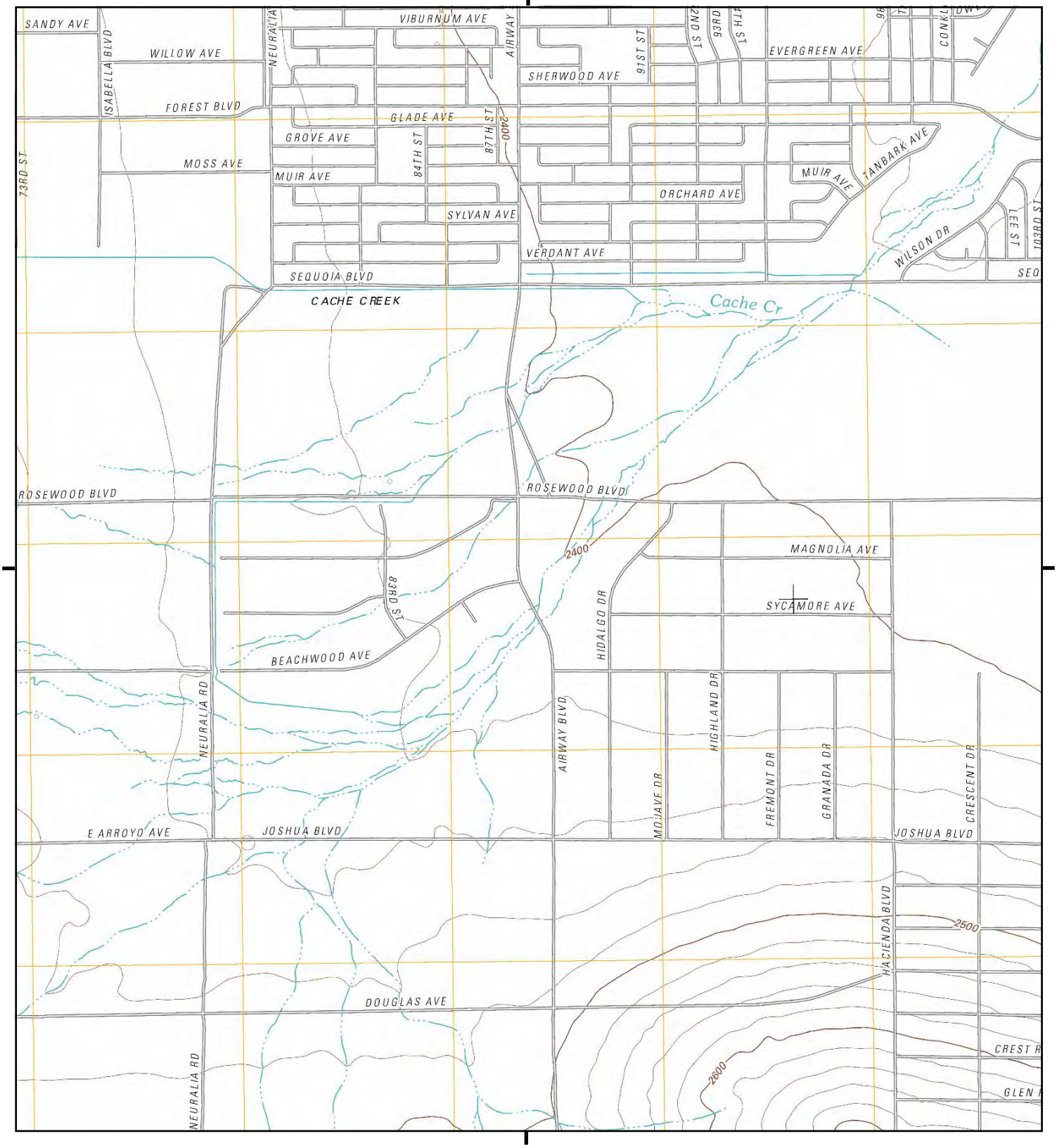
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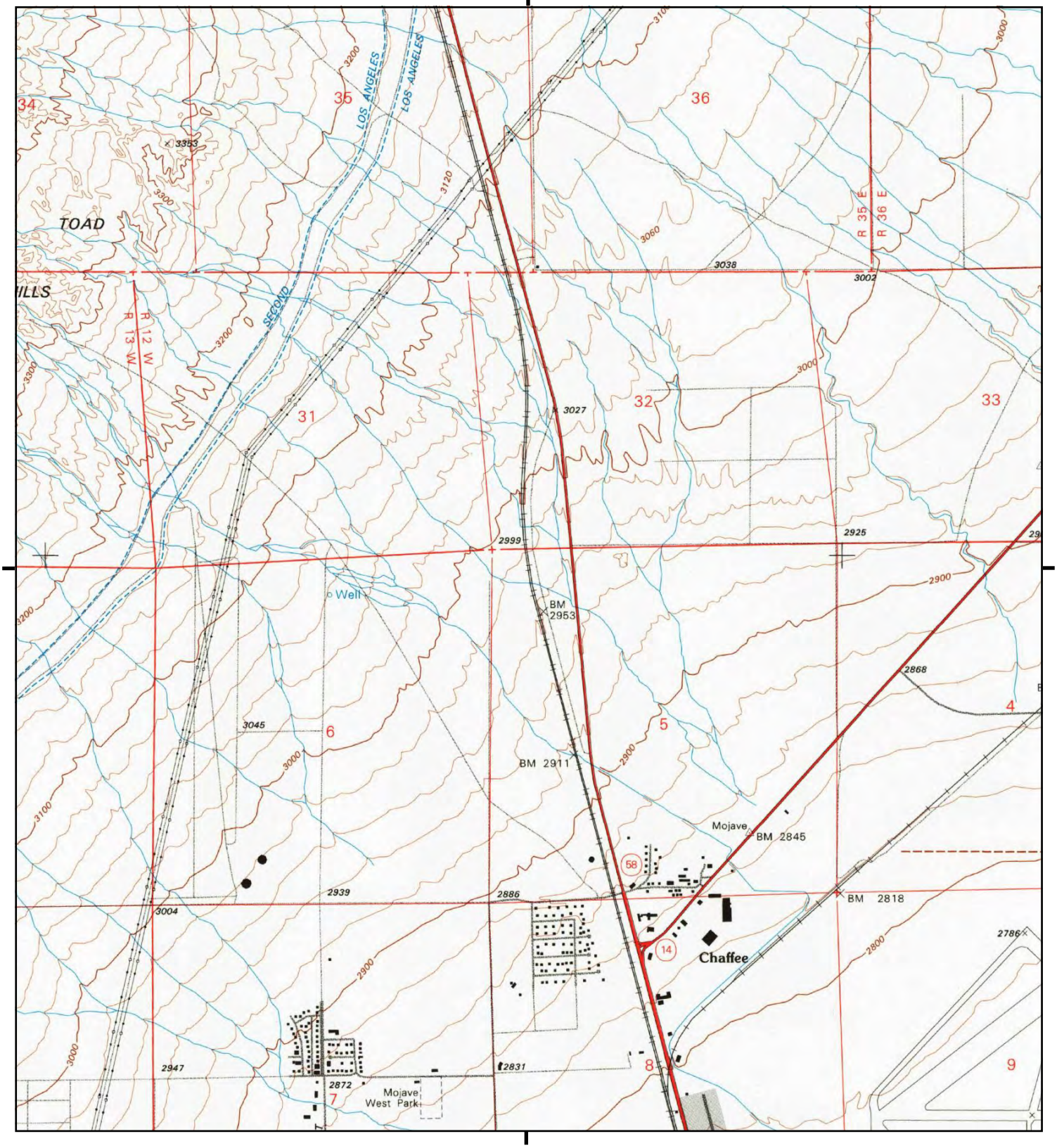
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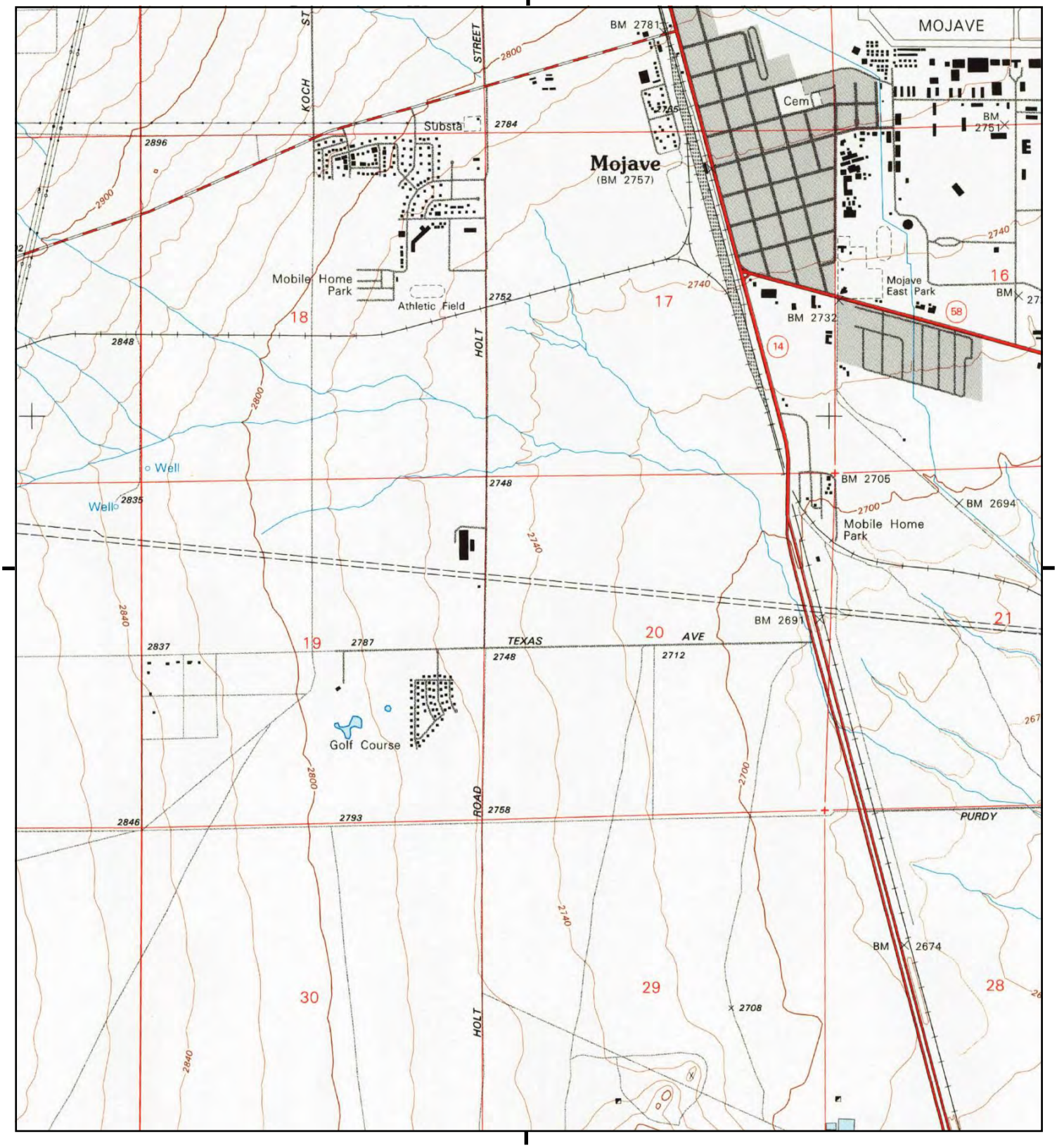
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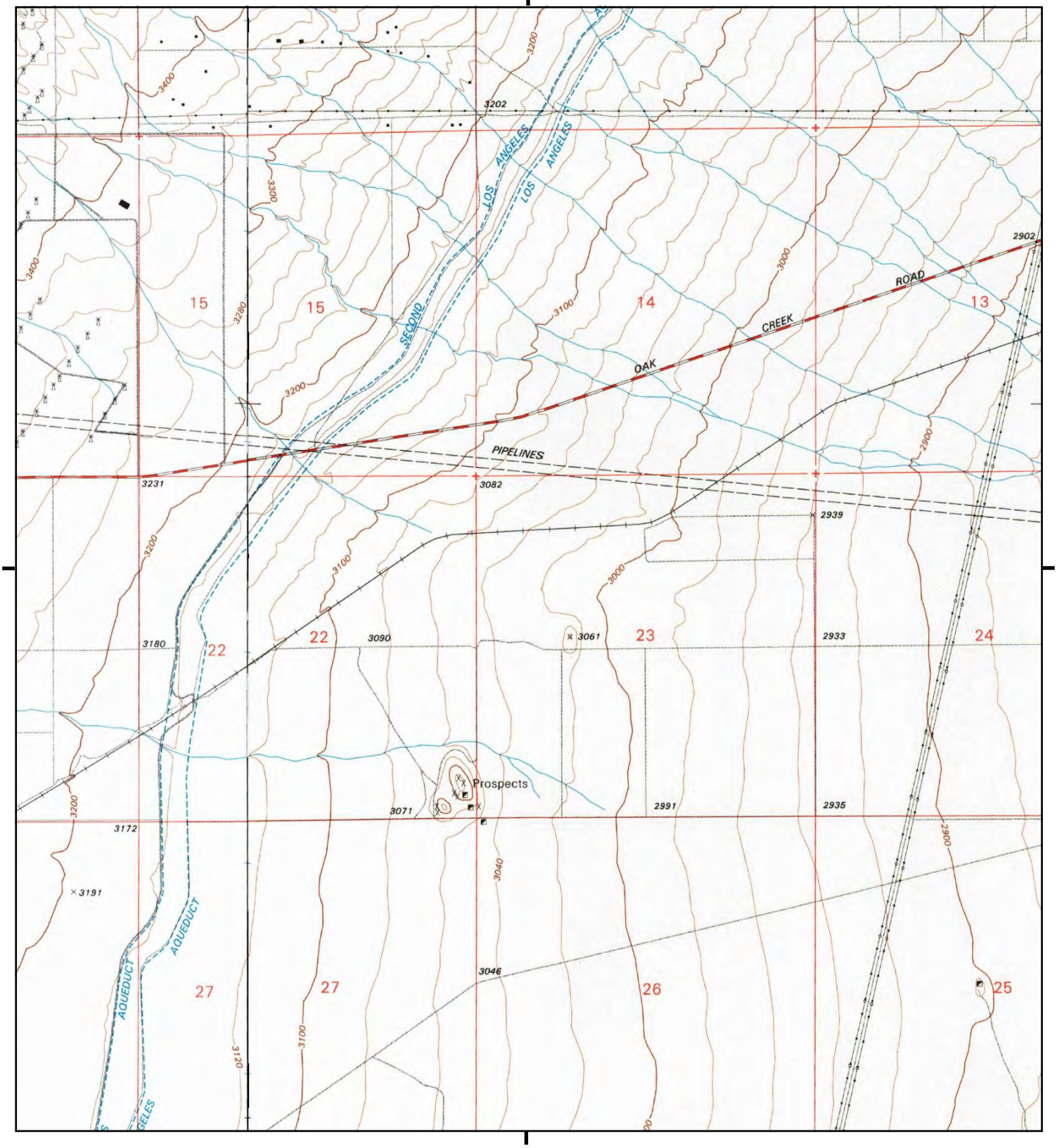
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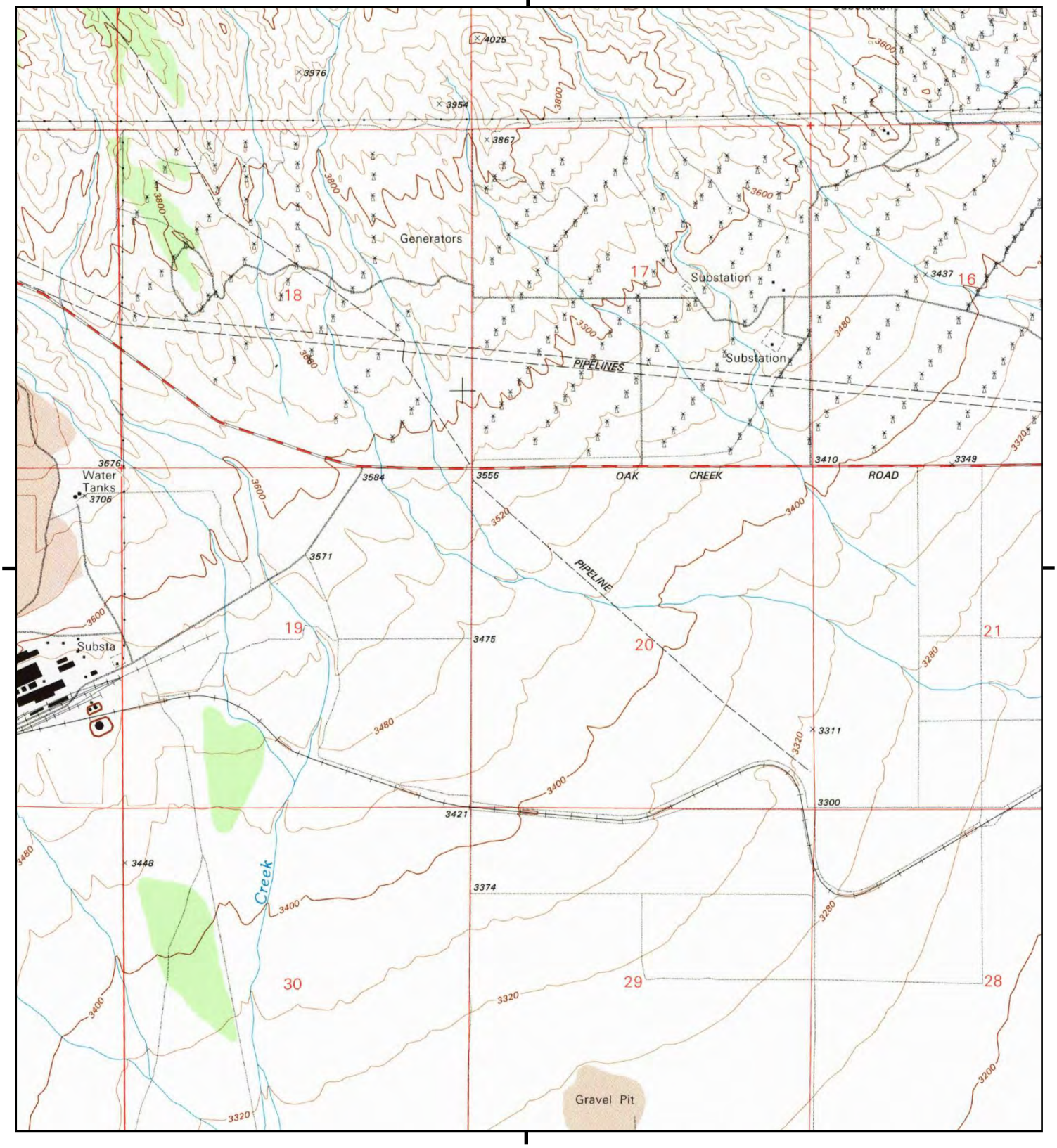
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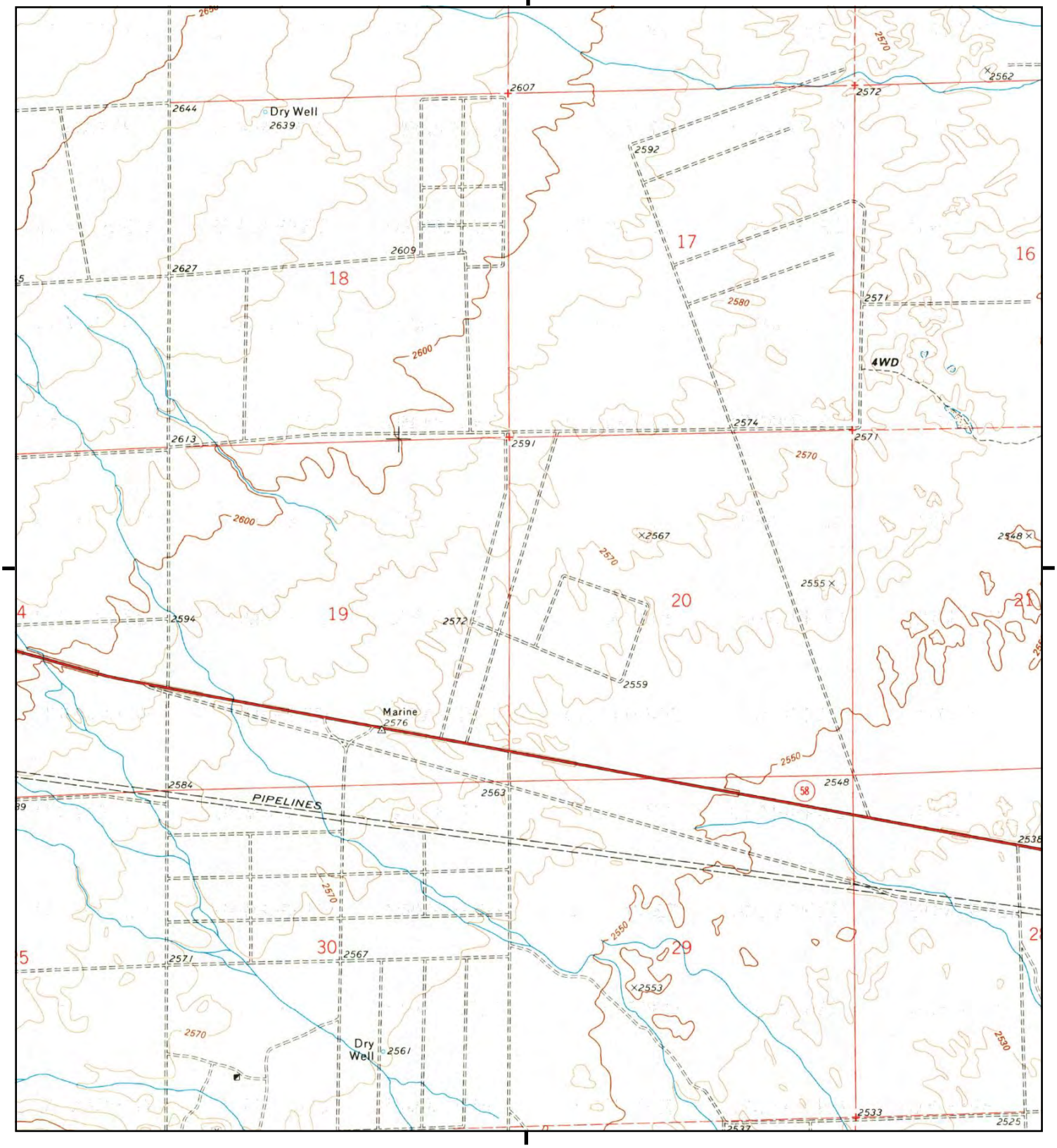
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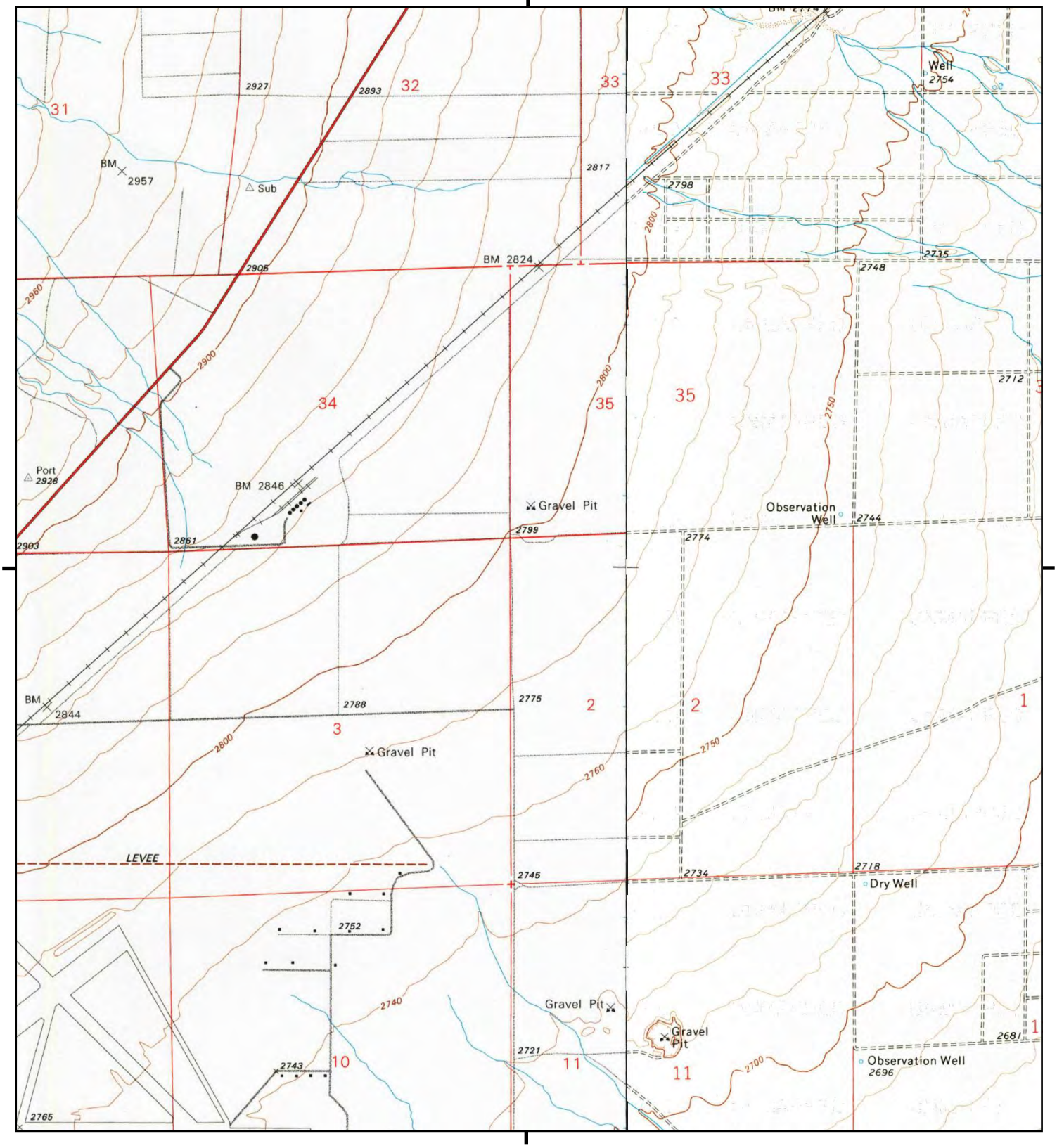
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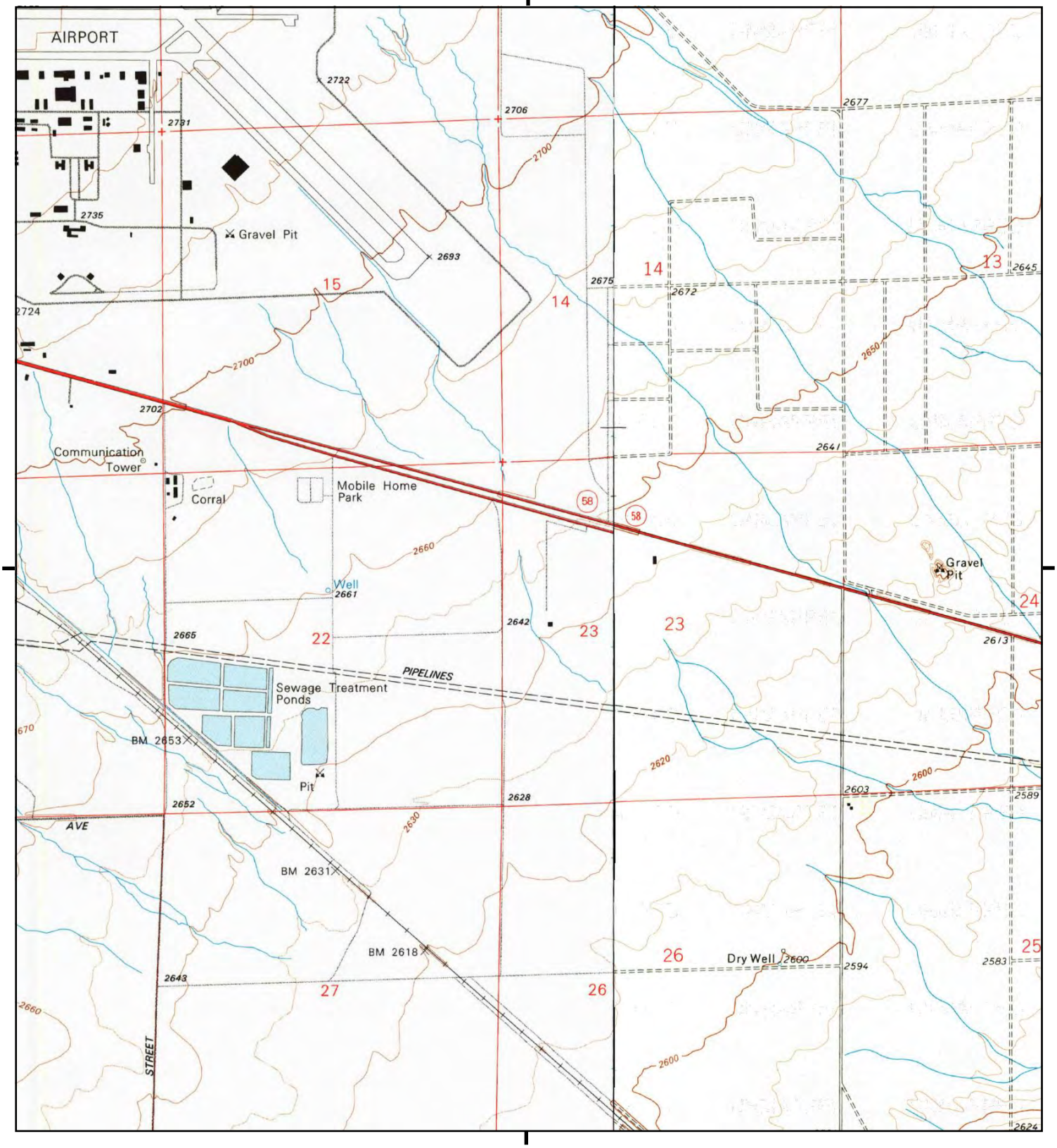
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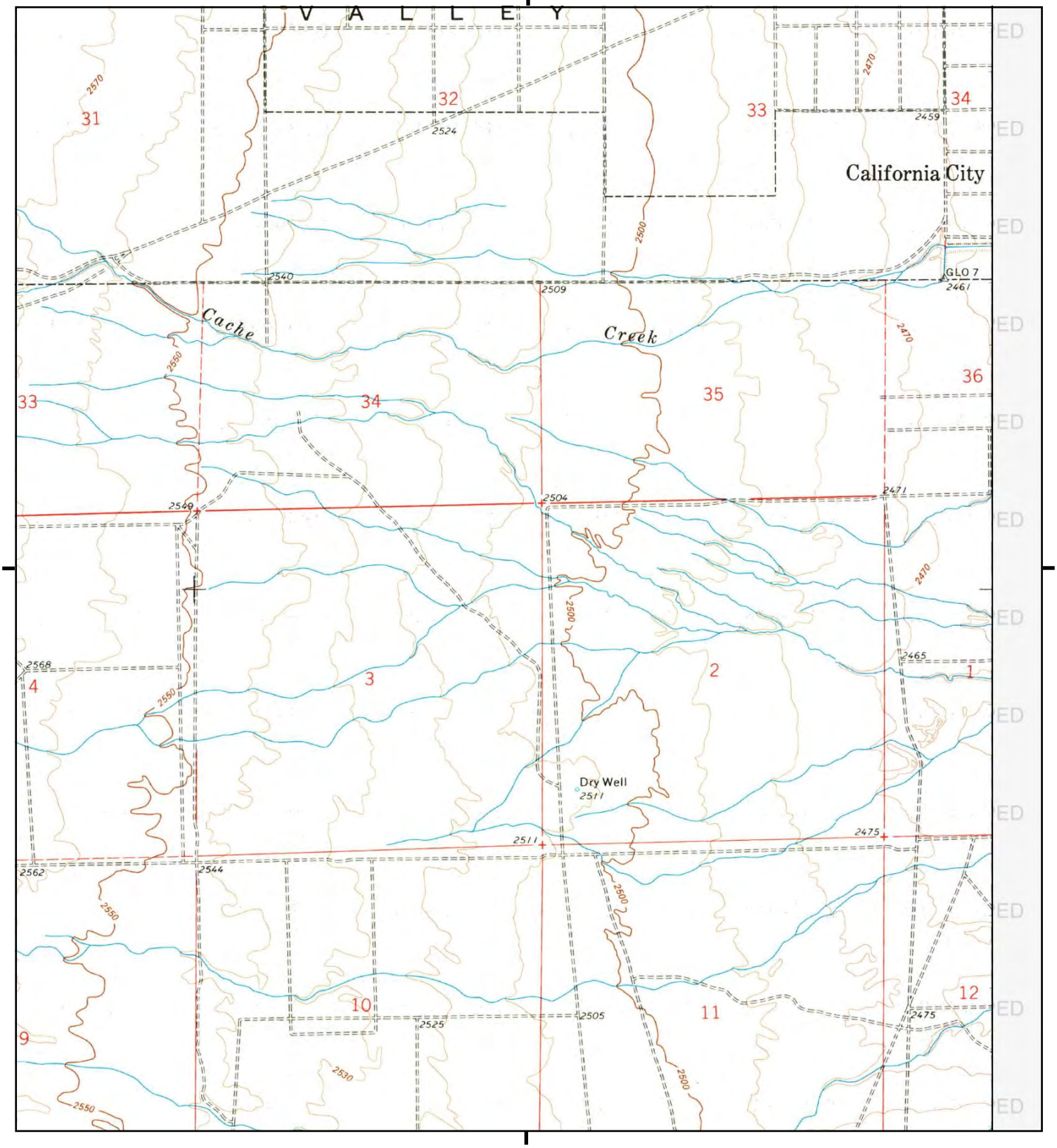
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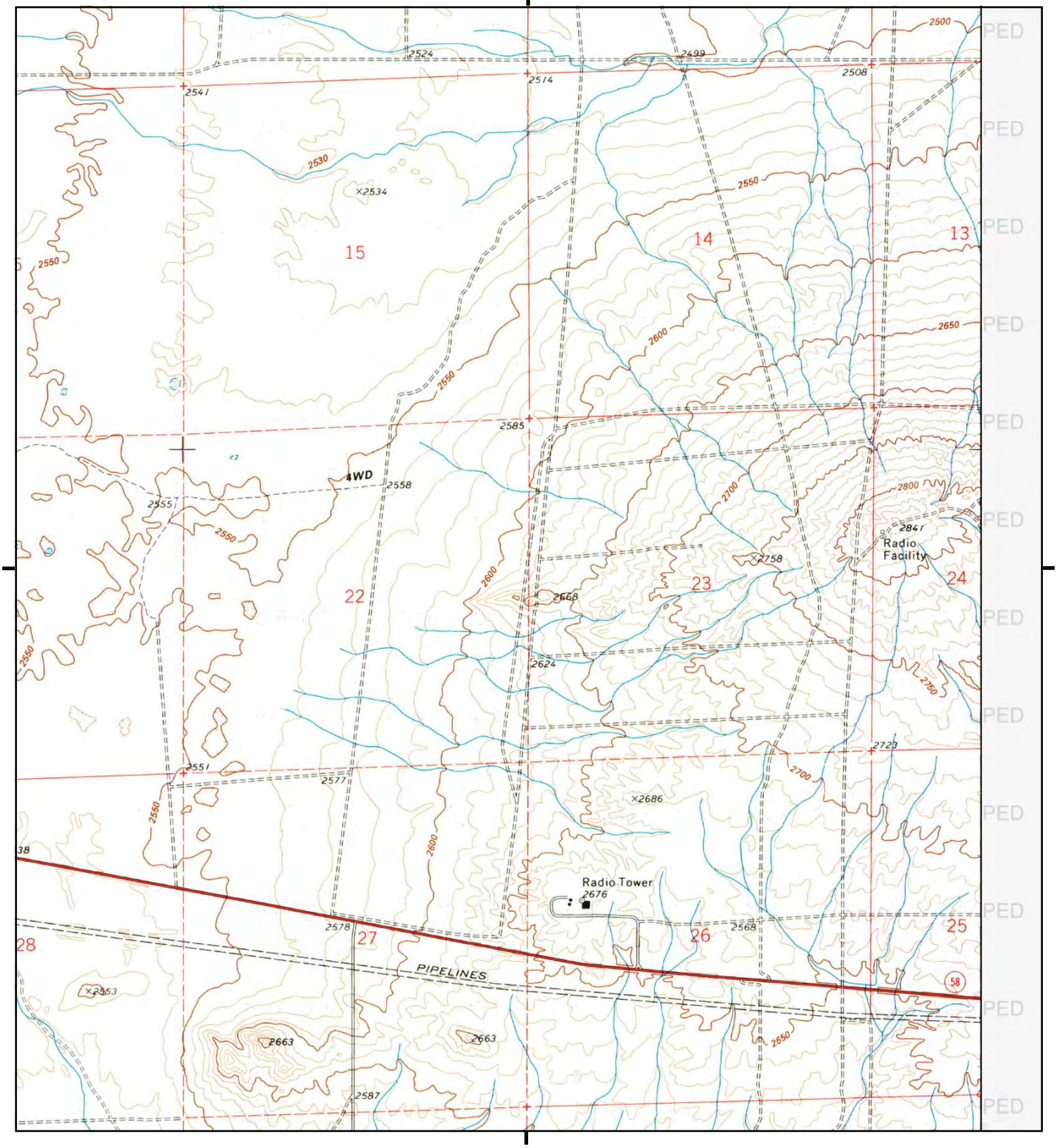
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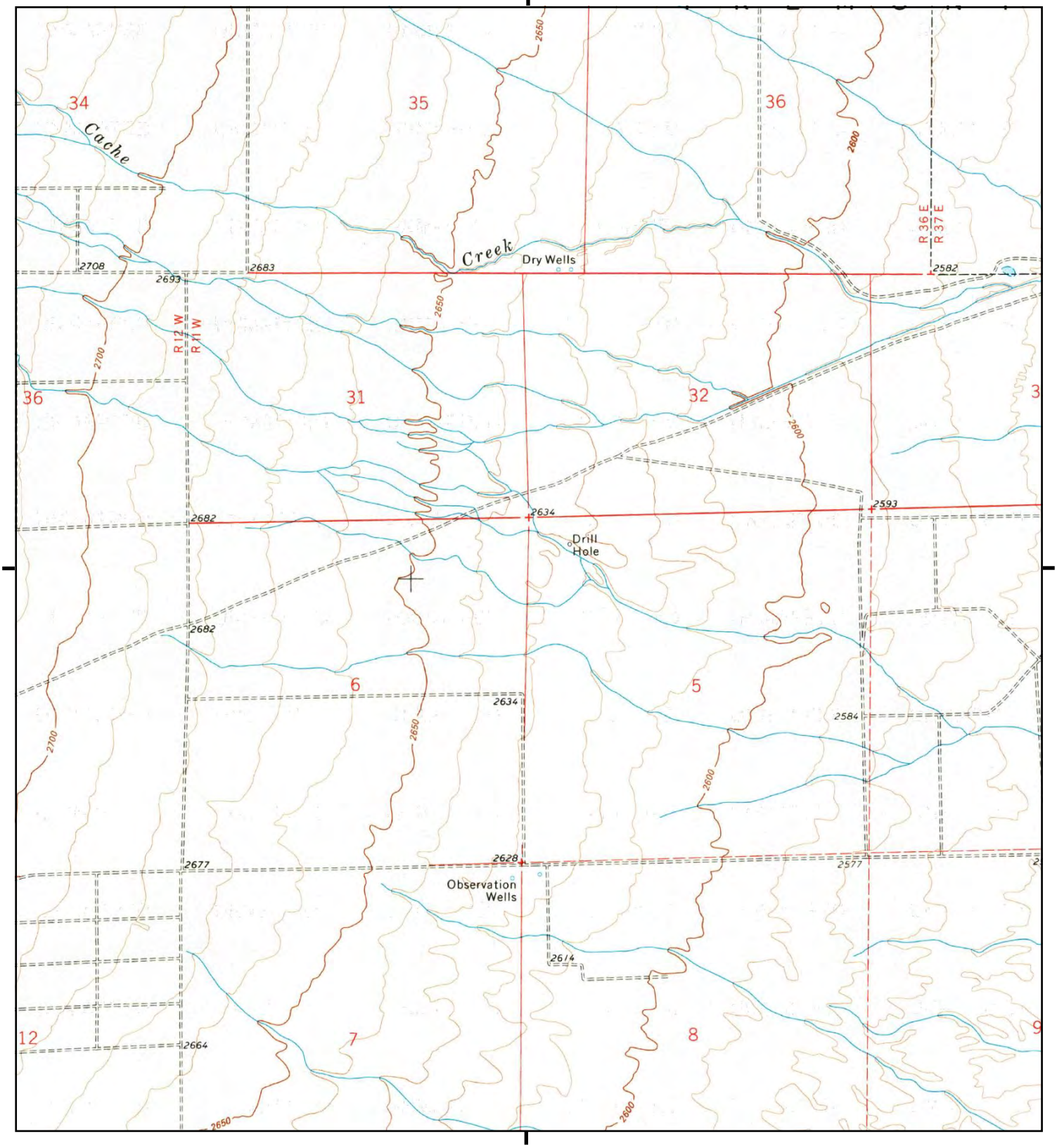
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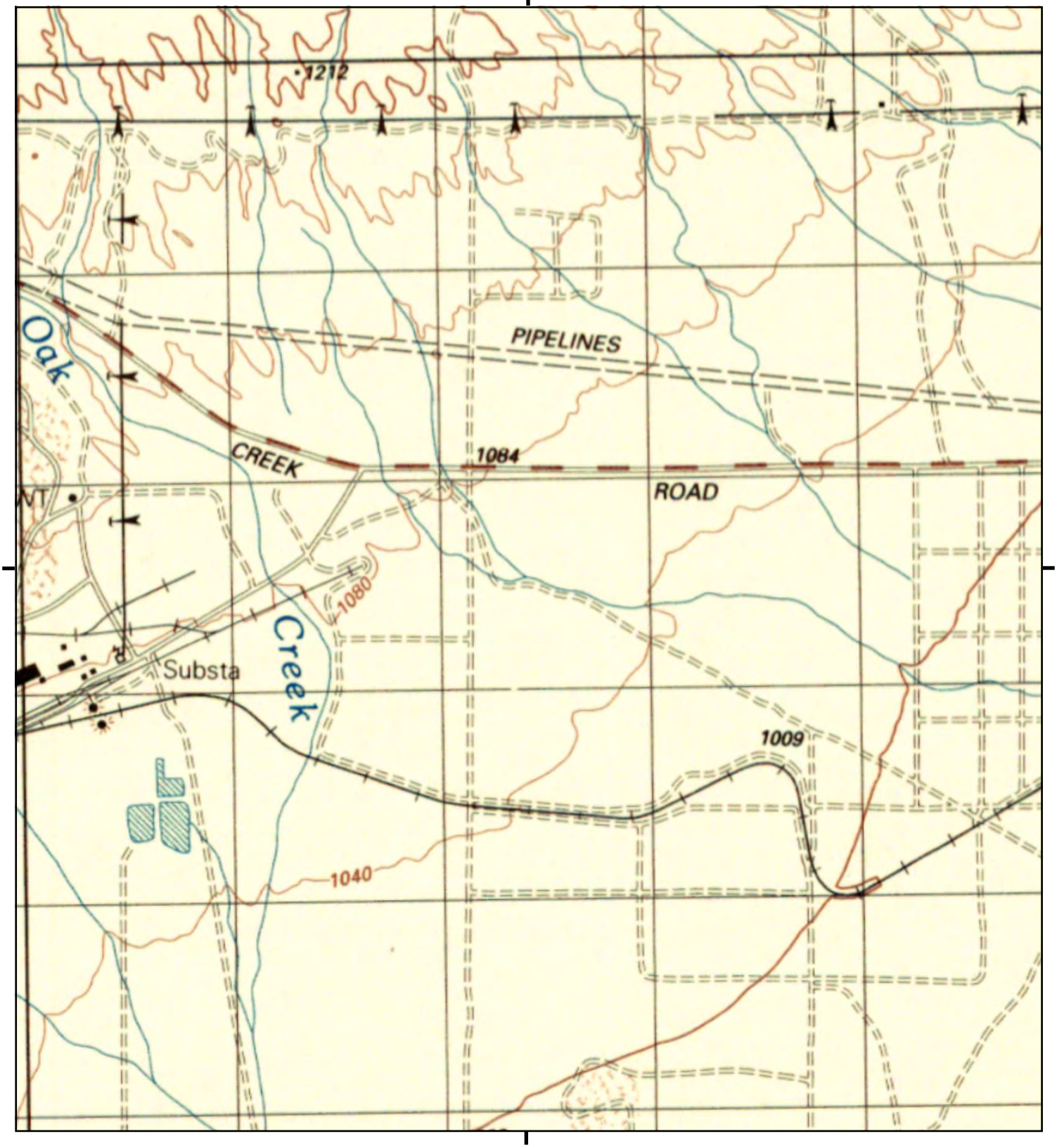
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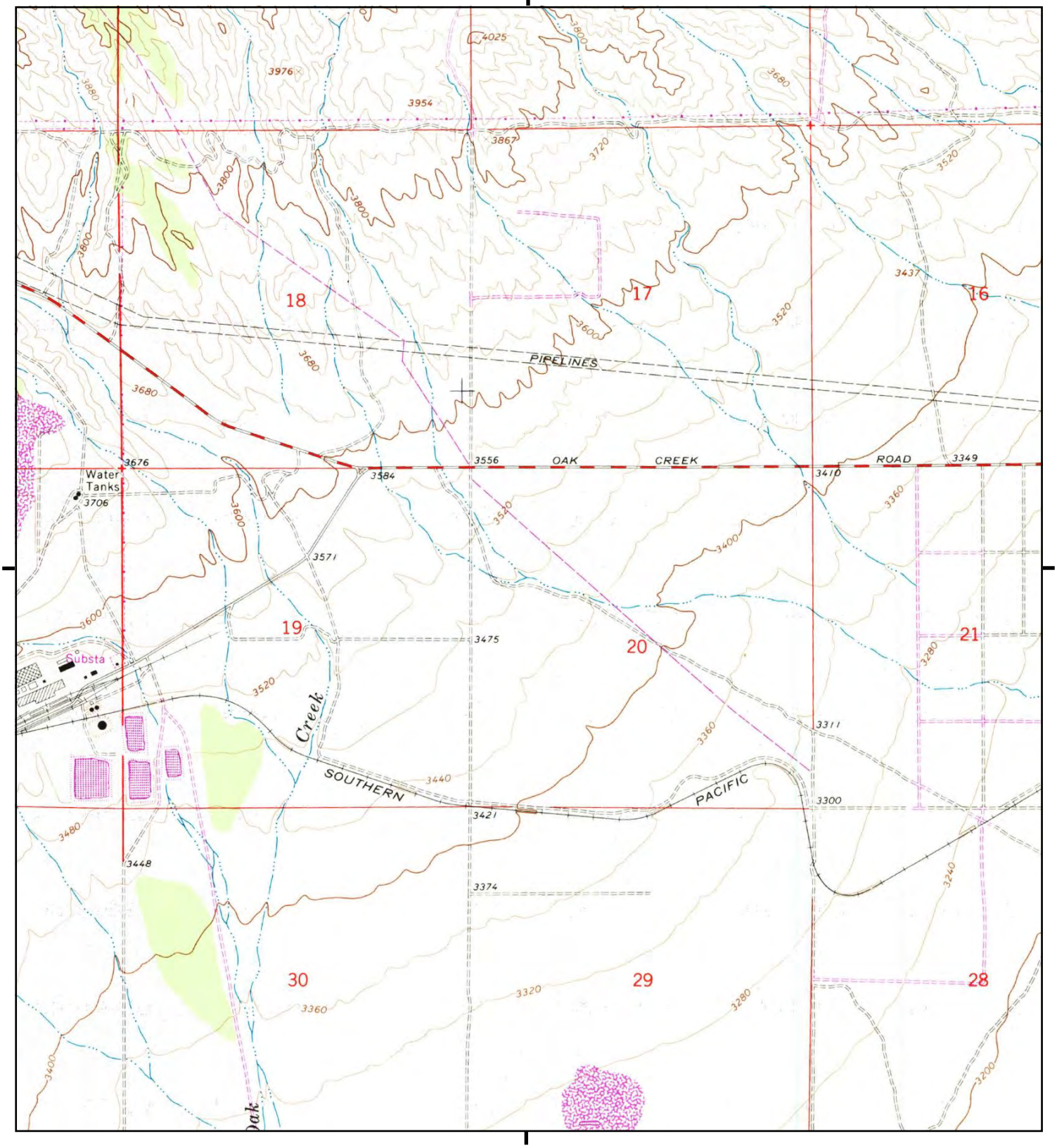
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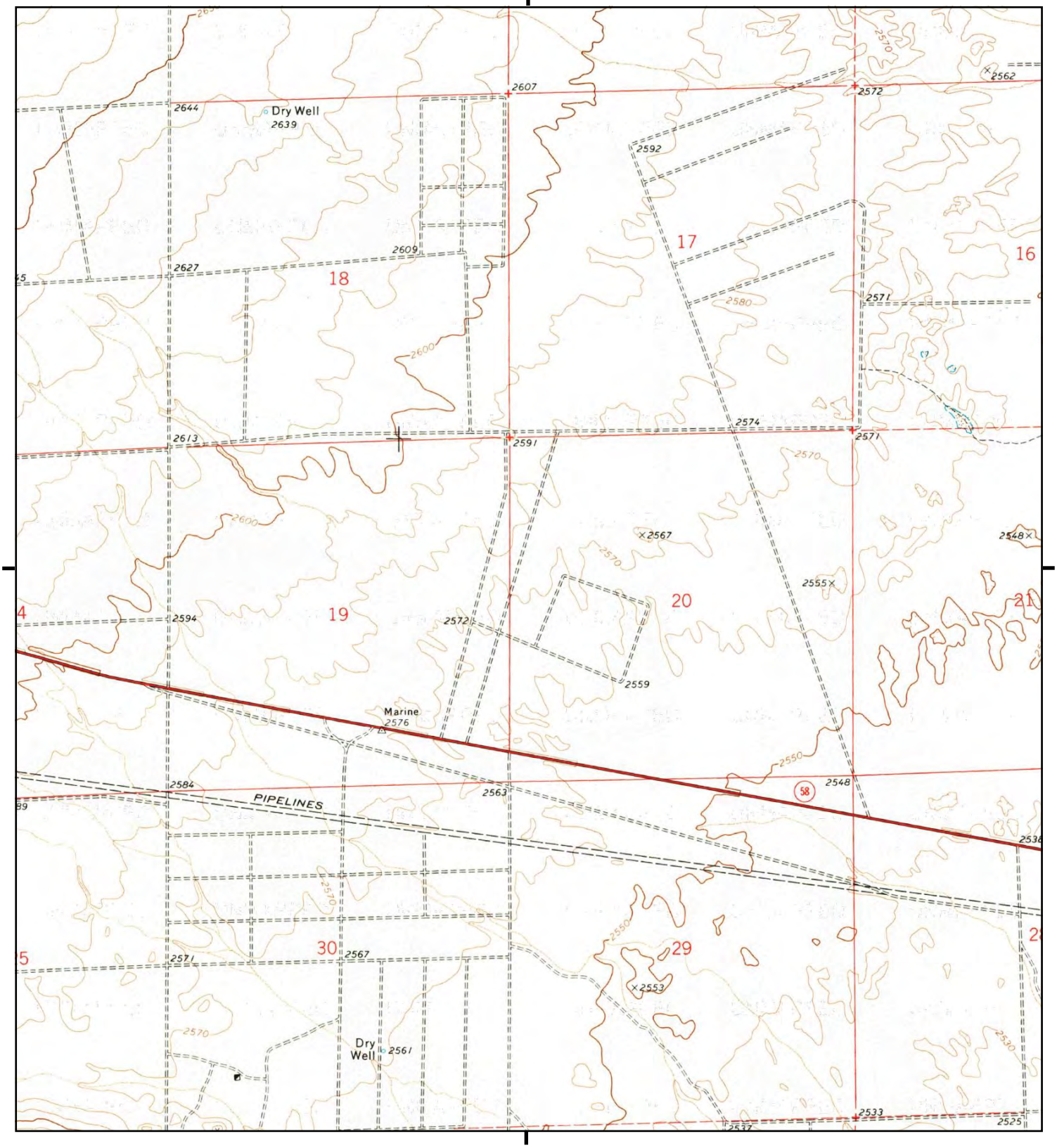
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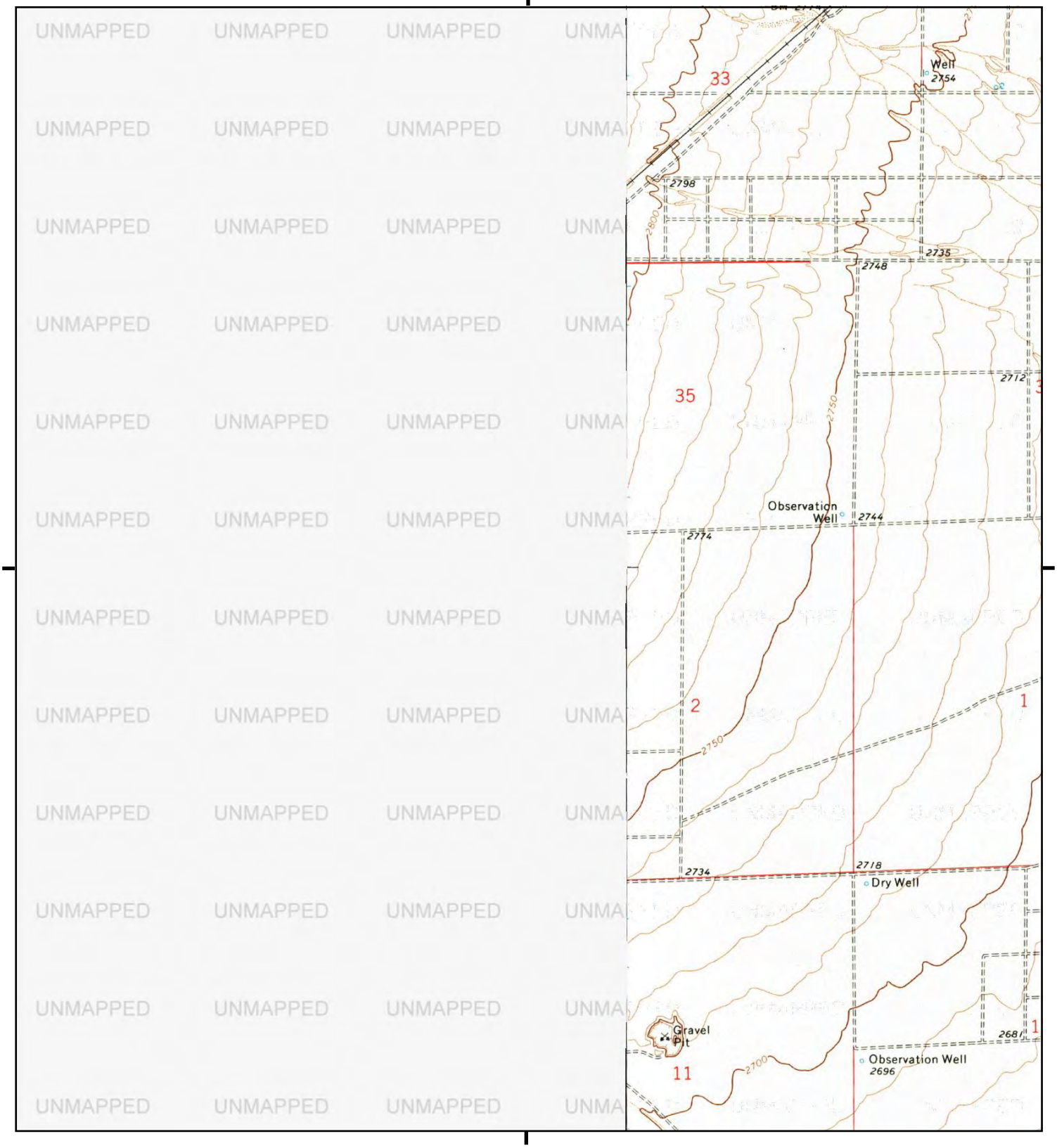
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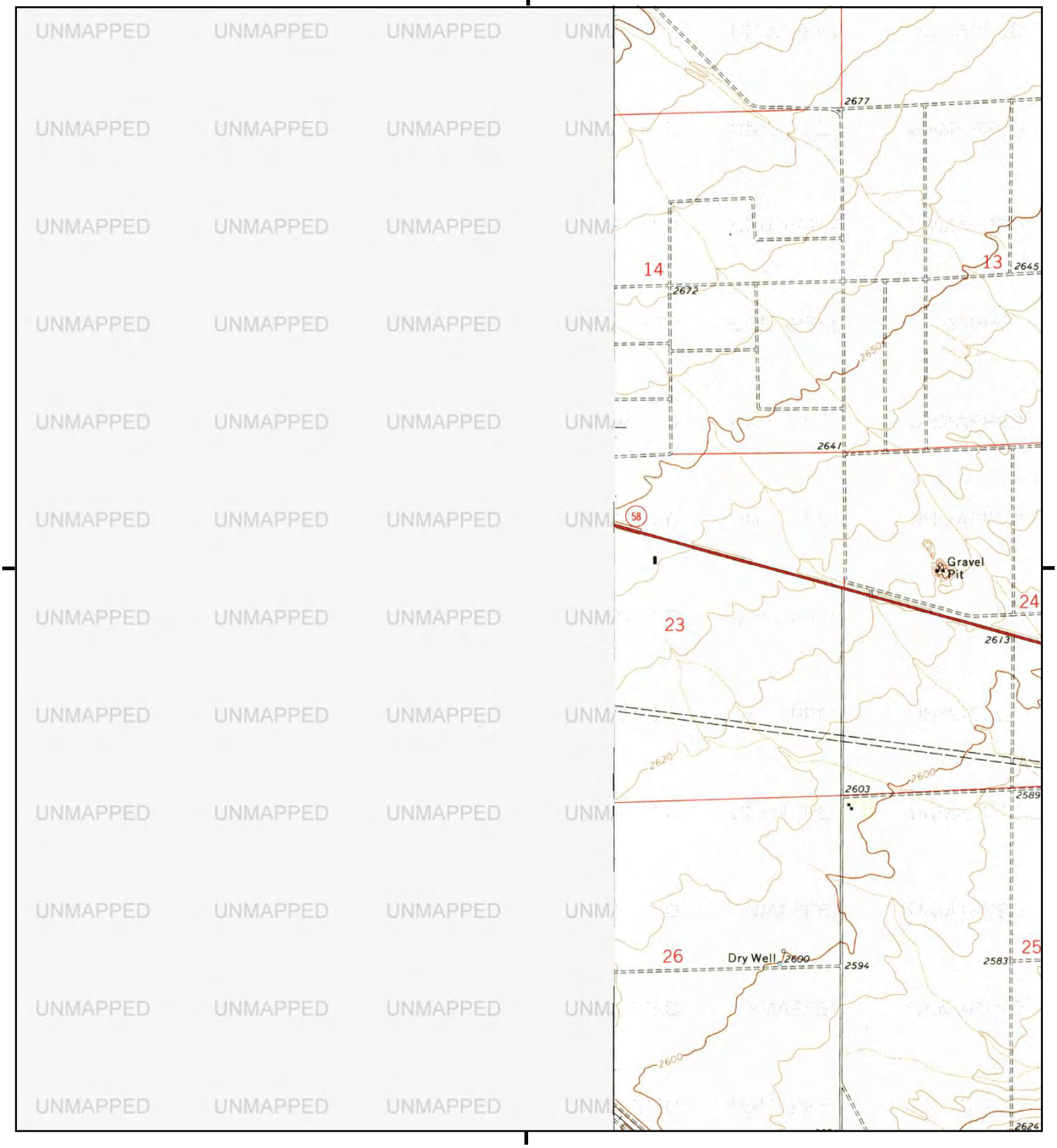
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CLIENT: Stantec

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NE, Sanborn, 1980, 7.5-minute

SITE NAME: Bellefield
ADDRESS: Bellefield
Mojave, CA 93501
CLIENT: Stantec

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I.2 Construction Support Plan

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Final

Construction Support Plan

Bellefield Solar Farm
Project Kern County,
California

Prepared for:

8minute Solar Energy

Prepared by:

ECM Consultants

3525 Hyland Ave., Suite 200
Costa Mesa, CA 92626

November 2020

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WORKER'S STATEMENT

I have read the Construction Support Plan and Health and Safety Plan and received the training necessary to demonstrate my capability to perform the procedures addressed in this document. If I identify a hazard not addressed in this Construction Support Plan or encounter an operation I cannot perform in accordance with this document, I will stop the process and notify my immediate supervisor.

Workers Name	Date	Supervisor's Name	Date

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1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

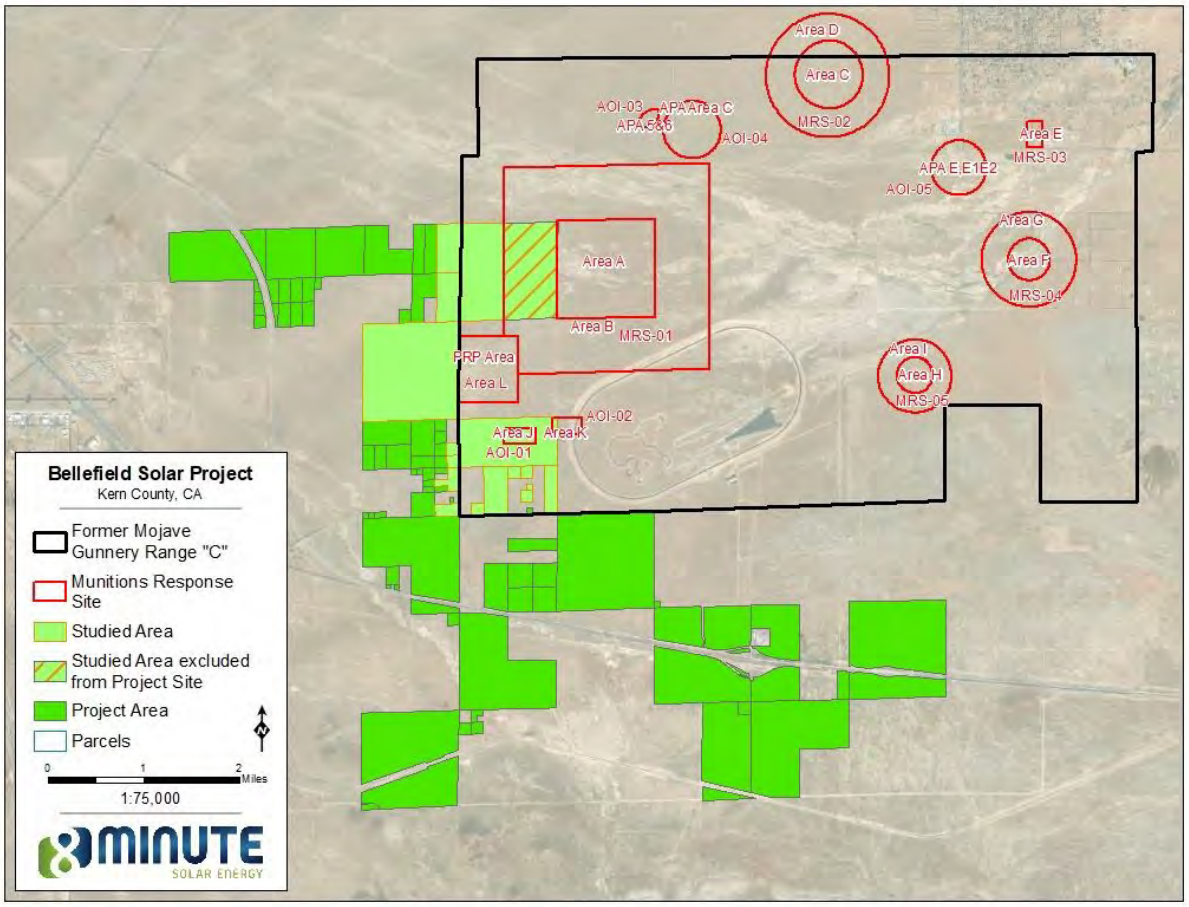
The purpose of this Construction Support Plan (CSP) is to provide ECM Consults (ECM) employees, 8minute Solar Energy (8MSE) site personnel, and 8MSE subcontractors with the minimum procedures and safety and health requirements applicable to conduct and observe munitions and explosives (MEC) anomaly avoidance procedures during operations within the identified Munitions Response Sites (MRSs) of the Bellefield Solar Farm in Kern County, California. This CSP applies to all ECM site personnel, including contractor and subcontractor personnel, involved in the conduct and adherence to MEC avoidance procedures during the activities within the identified MRSs on the Bellefield Solar Farm. Included in this CSP is a Health and Safety Plan (HASP) which incorporates applicable Federal, State, local regulations, and contract restrictions and guidance.

1.2 BACKGROUND

The following background summary regarding this area was compiled from information in a 10 September 2020 Executive Summary Letter Report written by Bay West:

The Bellefield Solar Project is a 1,150MWac utility-scale solar generation and storage facility in unincorporated Kern County and California City. In total, the Project is comprised of 90 parcels totaling about 8,300 acres (see Figure 1). The north eastern portion of the Project is located adjacent to and partially overlaps with the Mohave Gunnery Range "C" ("MGRC"). Notably, the Bellefield Solar Project avoids all portions of the MGRC considered to be "Areas of Concern" or "Areas of Interest" by the Defense Environmental Restoration Program Formerly Used Defense Sites ("DERP-FUDS") which have been recommended for further study and/or remediation. 8minute Solar Energy ("8ME") asked Bay West to review and evaluate the portion of the Project overlapping or adjacent to the MGRC. Specifically, the area of the former MGRC and includes Parcel Nos. 235-022-01, 235-024-14, 235-024-15, 235-024-41, 235-064-01, 235-081-03, 235-081-04, 235-082-06, 235-082-15, 235-340-07, 235-340-09, 235-340-10, 235-340-11, 235-340-19, 235-340-28 and 235-340-36.

Figure 1



A 2000 Inventory Project Review ("INPR") identified the MGRC as a Defense Environmental Restoration Program Formerly Used Defense Sites ("DERP-FUDS") eligible site with contamination resulting from unexploded ordnance ("UXO").

The 2003 Archives Search Report (ASR) documented the presence of Ordnance/Explosive at the former MGRC and established areas of concern. The areas of concern relevant to the Studied Area, as described in the 2003 ASR, included the following:

- Areas A and B (also known as MRS- 01, and now MRS-05, Project-05) - *Bombing Target and Bombing Target Buffer Zone*
- Area J (otherwise known as AOI-01) - *Bombing Target*
- Area K (otherwise known as AOI-02) - *Bombing Target*
- Area L (otherwise known as AOI-06) - *Private Bombing Target*

The 2007 Aerial Photo Analysis Addendum identified other potential areas of concern and provided additional information concerning the operational timeframe of the former MGRC.

In 2008, a Remedial Investigation/Feasibility Study ("RI/FS") was conducted at the former MGRC which identified Munitions and Explosives of Concern ("MEC") and Munitions Debris ("MD") at the former range.

In regard to AOI-01 (Area J, contained entirely within Parcel No. 235-064-01) and AOI-02 (Area K, overlaps the northeast corner of Parcel No. 235-064-01 at the boundary of the Project Area), the RI indicated that no surface evidence that would be associated with bombing targets was found and the MD encountered (20mm TP projectiles and one practice bomb) was

not representative of MD normally associated with bombing targets. During aerial photo review as part of this Abbreviated HRR, no indications of targets or ordnance related activities were noted. The 2013 Proposed Plan for Remedial Action at former MGRC recommended no further action at AOI-01 and AOI-02.

AOI-06 (Area L, which overlaps the eastern edge of Parcel No. 235-024-41 and the boundary of the Project Area) has not been investigated. The ASR identified this area as a private bombing range and noted that post-FUDS munitions use by private contractors would prevent cleanup under the FUDS program. As a result, this area was not included in any follow-on investigations or planning. United States Army Corps of Engineers ("USACE") recommended that subsequent inspection activities at AOI-06 occur as a Potentially Responsible Party ("PRP") project. Aerial photo review conducted as part of this Abbreviated HRR noted a large rectangular area of mostly cleared ground at the location of AOI-06 but no indications of targets. Areas of darkened ground were observed but it cannot be determined if this is due to ordnance related activities.

MRS-05, Project-05 (Areas A and B) overlap the eastern portion of Parcel No. 235-022-01 and the boundary of the Project Area. This area was found to contain numerous MD items (bombs, rockets, and projectiles) and UXO. One UXO item was found within the Parcel No. 235-022-01 boundary. The remediation of MRS-05, Project-05 is ongoing. The Selected Remedy for MRS-05 is MEC removal from the surface with institutional controls to further protect future site users.

The Kern County Sheriff's Department stated that there had been no responses to suspected unexploded ordnance in the portion of the Studied Area within the last two years. The 1996 Explosive Ordnance Disposal ("EOD") response which may have been near Parcel No. 235-024-41 involved dumped training munitions that had been transported to the location.

Review of historic aerial photos from the 1950s conducted as part of this Abbreviated HRR did not observe any ordnance related activities within the Studied Area parcels. However, several areas of other activity were noted near or adjacent to Studied Area parcels. One area in particular, north of Parcel No. 235-024-41 and west of Parcel Nos. 235-024-14 and 235-024-15 contained two faint concentric rings similar to the targets evident within the MGRC. Cleared ground was also observed just south of the southern boundary of Parcel No. 235-024-41.

Although no signs of ordnance activities were observed within the Studied Area parcels with the exception of Parcel No. 235-022-01; as noted in the ASR, all remaining lands should be considered to have a potential for ordnance presence and no lands of the former MGRC could be considered "No Ordnance and Explosives Presence" without further investigation.

Bay West contracted TechLaw, Inc. to conduct an abbreviated historical records review for the Studied Area**.** As part of TechLaw's records review they contacted The Kern County Sheriff's office to determine if any reports had been filed reporting munitions on the property since the RI investigation had been completed. There were no reports of found munitions reported for the Studied Area.

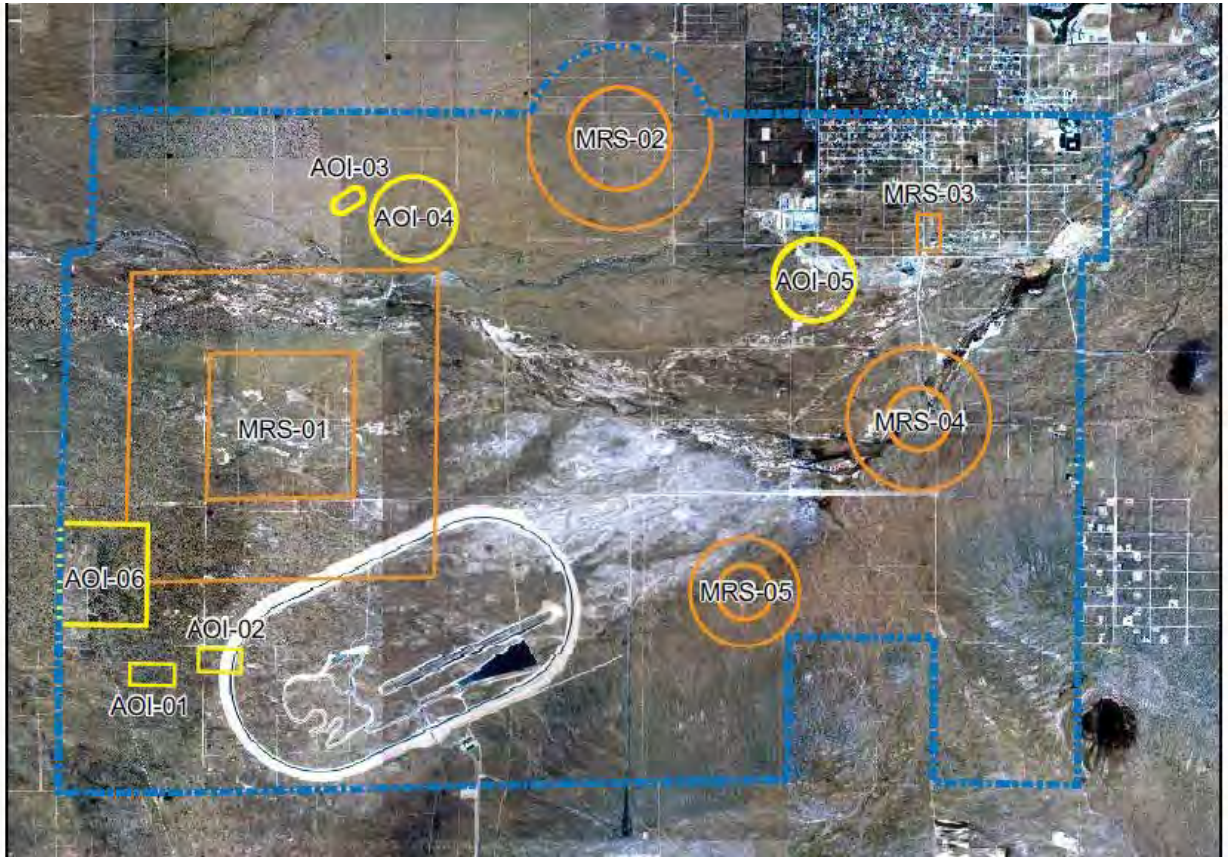
1.3 UXO ESCORT SERVICES FOR 8MSE GEOTECHNICAL INVESTIGATION

Risk mitigation measures recommended for development of this area include unexploded ordnance (UXO) Awareness Training for site workers and UXO construction support for any ground disturbing activities occurring within 1,000 feet of the historical MRS-01. The UXO Awareness Training would inform site workers of the potential munitions at the site and how to respond if these items are encountered. UXO construction support at, and in the immediate area surrounding the MRS-01, would allow for the executing of anomaly avoidance procedures as well as real-time surveillance of ground disturbing activities and an immediate assessment of debris if material is encountered.

ECM will provide one Unexploded Ordnance (UXO) Technician for team escort and anomaly avoidance during the geotechnical investigation within MRS-01 and the 1,000 feet buffer (See Figure 2) referred to as the area of potential concern (AOPC). Prior to commencement of field work on the site, the UXO Escort will provide UXO Awareness Training (Recognize, Retreat, Report [3Rs]) during the initial morning safety briefing. Topics regarding UXO awareness and response will be covered by the UXO Escort during subsequent safety briefings held each morning prior to operations beginning at the site. Following each morning's safety briefing, the UXO Technician will escort the Geotechnical Investigation Team personnel while they conduct tasks including, but not limited to the following:

- Site reconnaissance
- Subsurface intrusive activities during solar array exploratory sampling which include:
    - Solar array borings to a maximum depth of 25 feet below ground surface (bgs)
    - Substation borings to a maximum depth of 20 feet bgs

Figure 2 – MRS-01 with 1,000’ Buffer (Area of Potential Concern)



2.0 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

2.1 MEC BASIC SAFETY PRECAUTIONS

The following basic safety precautions will be observed while conducting MEC avoidance procedures.

- Do not touch or disturb MEC or suspected MEC; mark their location with marking flags or flagging tape inform site management and workers of the items location, and avoid the marked item.
- Do not expose electrically fired munitions to radio, cell phone, or satellite phone transmissions within 25-ft. (7.6-m).
- Do not collect souvenirs.
- Do not smoke except in designated areas.
- Prohibit non-essential personnel from entering the site. Keep personnel inside the exclusion zone to a minimum to reduce the number of personnel exposed to the hazard.
- Suspend all operations immediately upon approach (within 10 miles) of an electrical storm.

2.2 GENERAL MEC AVOIDANCE

- Intrusive anomaly investigation is not authorized during MEC avoidance activities. Avoidance for intrusive construction activities such as boring, grading, and trenching will only be conducted on projects with a documented low MEC probability based on past use and historical evidence.
- MEC avoidance activities will not be conducted until the required training and proper equipment checks have been completed, documented, and the appropriate safety distances are confirmed and visually secured.
- Avoidance activities within the AOPC will be provided by one UXO Technician.
- The client and Project Manager (PM) will be notified immediately of all MEC finds.
- Upon completion of the 3R's training, non-UXO personnel must be escorted by UXO-qualified personnel at all times in areas potentially containing MEC.
- If MEC is encountered that presents an immediate threat to life or property it will be marked and secured until turned over to Explosive Ordnance Disposal (EOD) or the appropriate local authorities.
- UXO personnel must remain at the AOPC at all times when personnel are working in areas suspected of containing MEC.

2.3 SPECIFIC MEC AVOIDANCE ACTIVITIES

All equipment and instruments must be inspected and tested prior to all field activities daily.

2.3.1 Survey of Access Lanes and Work Sites

Areas within the AOPC where site reconnaissance, soil boring, test pitting, and other site activities will be conducted are considered to have a low likelihood of encountering MEC. Even so, a UXO Escort must conduct an instrument-aided visual surface search for anomalies ahead of non-UXO team members on the work site. The work site will be a minimum dimension in all directions equal to twice the length of the longest vehicle or equipment to be used.

The UXO Escort will use the appropriate instruments to inspect the area while escorting the team. Subsurface anomalies will be avoided. If MEC is suspected or located, the UXO Escort will halt escorted personnel in place, mark the suspected MEC, and make the notifications presented below. The following communications will be made if suspect MEC is identified:

- The 8MSE onsite representative(s) will be notified immediately if any item that may be characterized as a suspect MEC is encountered.
- If the 8MSE onsite representative is not available, Mr. Eli Murrey (EMurrey@8minute.com or 415-812- 7314) will be notified immediately.
- The Stantec PM will be notified, Mr. Jaret Fisher (Jaret.Fischer@stantec.com or 909-255-8209).
- The UXO Escort will immediately notify the appropriate authorities for responding to suspect MEC within Kern County, California. The initial report will be to the Kern County Sheriff's Office in Bakersfield, California. The contact information for the Kern County Sheriff's Office in Bakersfield, California is as follows: 1350 Norris Rd, Bakersfield, CA 93308; (661) 391-7500. The Kern County Sheriff's Office will make notification to the Edwards Air Force Base EOD Unit. The point of contact for Edwards Air Force Base is Ms. Claudia Basura (claudia.basura.1@us.af.mil).

The UXO Escort will be onsite to support all geotechnical work conducted within the AOPC. Following the demobilization of the UXO Escort, remaining personnel will maintain diligence when traversing other areas of the project site. In the unlikely event that items suspected to be MEC are encountered following demobilization of the UXO Escort, site personnel will not disturb or touch the suspect MEC and will only attempt to safely collect digital photographs of the item. Site personnel will obey the 3Rs outlined in the UXO Awareness Training and email photographs of the suspect MEC item to the 8MSE Project Manager – contact information provided above). Mr. Murrey will notify ECM's UXO-qualified Staff by phone and by providing the photographs via email. ECM's UXO-qualified Staff will review the photographs of the suspect MEC and any other associated details regarding the item and provide recommendations based on the available information. If the suspect item can be characterized as non-MEC from the photographic review, ECM will recommend that work can continue in the area. If the suspect item is determined to be MEC, or if there is not enough detail in the photographs to positively characterized the item, site personnel will be instructed to contact the Kern County Sheriff's Office to make the proper notification (contact information provided above). The area containing the suspect MEC will be considered unsafe for geotechnical work until the suspect MEC item has been fully characterized by the appropriate, responding authority as non-MEC or has been removed or disposed of by the appropriate, responding authority following a positive MEC determination.

Although encountering MEC during this field effort is considered low, detailed information regarding the most likely MEC to be encountered based on historical MD discovery is included in Appendix B (UXO Awareness Training). Of the munitions expected to be encountered in this unlikely scenario, the munition with the largest hazardous fragment distance (HFD) is the 100-lb AN-M30A1 series high explosive filled general purpose (GP) bomb with an HFD of 394 feet. For this reason, a safety distance or exclusion zone (EZ) of 394 feet will be observed around any MEC encountered at the site. No work will be conducted within the observed EZ of the suspect MEC until the potential danger of the MEC has been neutralized by the appropriate responding authority. If MEC other than the three munitions types discussed in Appendix B is encountered, the HFD of the item will be reviewed, and if the HFD is greater than 394 feet, a new safety distance will be established for the site and this CSP will be amended to include the new safety distance.

2.3.2 Avoidance for Soil Boring Activities

The UXO Escort will conduct a visual survey using a handheld analog instrument over access lanes and work areas within the AOPC in accordance with 2.3.1. Proposed soil boring and test pit locations requiring intrusive activities must be thoroughly inspected with the handheld instruments prior to conducting subsurface sampling activities.

The UXO Escort, equipped with appropriate instruments, will clear all soil boring locations and observe all subsurface

activities within the AOPC. If subsurface anomalies are detected with the handheld analog instruments, the location of detection will be avoided and a new soil boring location will be chosen.

Excavation depths are expected to range from eight to 25 feet below ground surface (bgs) during soil boring operations. The maximum depth of MD recovered from prior investigations was 36 inches bgs. The handheld analog detectors selected and used for this effort have an effect range of up to 48 inches bgs when using the most sensitive setting. Given findings from prior investigations, the initial assessment of these locations with the handheld analog detector is expected to be sufficient to determine if these locations contain metallic debris to the required depth. If subsequent excavations conducted during this investigation encounter MD at depths below 48 inches bgs, additional strategies using a down-hole metal detector may be implemented to assess these locations prior to beginning excavations.

2.3.3 Avoidance for Civil Survey Operations

If civil surveys are required in the AOPC, the UXO Escort must survey access lanes ahead of surveyors when locating specific survey points within an area suspected of containing MEC. Once the surveyor has located the survey point, the area must be checked for anomalies with the analog instrument prior to placement of a grid stake or pin flag. If a subsurface anomaly is located, the pin placement will be offset a safe distance or relocated to another area and the offset distance will be recorded in the surveyor's log. If MEC is located or suspected, the UXO Escort will mark the MEC and notify the appropriate authorities as stated in Section 2.3.1.

3.0 MEC MANAGEMENT

MEC discovered during avoidance activities will be marked, site personnel will be kept from the discovery location, and the appropriate representative and authority will be notified as outlined in Section 2.3.1.

If MEC is found, the appropriate data (i.e. size, nomenclature, approximate location, condition, etc.) will be recorded, summarized, and provided to 8MSE. A photograph will be taken of all MEC or suspected MEC encountered to document the discovery.

4.0 DISCOVERY OF ANOMALIES/ITEMS OTHER THAN MEC

Material other than MEC may be located during the MEC avoidance operations, including MD, metal debris not associated with historical military use, underground utilities, chemicals, and other hazards.

If MD is encountered, the UXO Escort will not collect MD for disposal. If MD is encountered in areas of operation where the debris presents a safety hazard (tripping hazard) or causes interference with handheld metal detectors, the UXO Escort is authorized to relocate the MD. If excessive amounts of MD are located in an area of operation, the area of operation will be relocated away from the MD.

Metallic debris not associated with historical military use located during MEC avoidance will be left in place or relocated, if necessary, if the debris possess a safety hazard for immediate field operations. If excessive amounts of non-military related metallic debris is located in an area of operation, the area of operation will be relocated away from the material.

Locating industrial chemicals is a possibility during MEC avoidance operations. If any evidence of chemical contamination is detected (stained soil, chemical odors, powders, or other substances resembling chemicals), all activities will cease, and the appropriate 8MSE representative will be notified and will make the required notifications. The location will be marked, and the area will be avoided.

If sealed drums or other suspect materials or conditions that would indicate a potential health or safety hazard are

encountered during the field investigation, all activities will cease, and the 8MSE Representative will be advised of the findings to make the appropriate notifications.

5.0 QUALITY CONTROL

The specific quality control metrics for this MEC avoidance task will be achieved through visual checks of the definable features of work (DFW), a daily function check on the analog geophysical system (man and machine) used on a 2x2 piece of steel located on the surface, daily GPS checks against a known point, and a communications check with the site team, appropriate 8MSE Representative or appointee. All analog equipment checks will be documented in the field logbook.

6.0 DAILY OPERATIONS

6.1 SAFETY BRIEFINGS AND UXO AWARENESS TRAINING

All personnel attending the daily tailgate safety briefing given by the site management team will also receive a UXO brief from the UXO Escort when operations will be conducted in areas that may contain UXO. On the first day of the field effort, the UXO Escort will review the Activity Hazard Analysis ([AHA], provided in Appendix A) for the activities the team will perform and provide UXO Awareness Training for all site personnel. AHAs will be reviewed and signed by all team personnel prior to commencing field operations. The UXO Escort Team Leader will cover MEC historically used at the MRSs (based on MD findings from prior investigations), hazards associated with these MEC, and actions to be taken if suspect MEC is encountered while working at the site as part of the UXO Awareness Training. Information used for the UXO Awareness Training is provided in Appendix B.

The UXO Escort will also cover elements of the topics discussed above during daily tailgate safety briefings on each subsequent day of field operations. This repetitive approach of providing this information will familiarize site personnel with the types of MEC, potential hazards associated with these MEC, and how to respond should a suspect MEC be encountered while working at the MRSs. Training will be updated if new types of MD or hazards are encountered during the field effort in the AOPC. Additional detail regarding safety briefings is included in Section 9.0 (Health and Safety Plan) of this CSP.

Daily tailgate safety briefings will also cover existing and potential non-munitions related hazards within the MRS. The Geotechnical Investigation Team Leader will provide information regarding the tasks to be performed that day, equipment used while performing the tasks, and hazards associated with these types of field operations during each respective daily safety briefing.

6.2 BEGINNING DAILY OPERATIONS

The UXO Escort will be equipped with reliable communication equipment and must maintain communication with the site team, the appropriate 8MSE Representative, or 8MSE appointee at all times.

The UXO Escort will conduct an initial hand-held analog instrument survey of the access route into the MRS and will ensure no anomalies are present in any area that will be excavated or disturbed while conducting field activities. All personnel will adhere to the direction of the UXO Escort Team Leader at all times and will not veer outside of areas surveyed by the escorts.

All personnel will be aware of the surroundings at all times and remain observant of their footing as they traverse the MRSs. Personnel will be aware of the signs of heat and cold stress as described in the Health and Safety Plan and be able to recognize the onset of heat and cold stress disorders in themselves and their team members.

7.0 DIAGRAMS

Site maps are included in Section 1.0 of the CSP and in HASP. The UXO Escort Team Leader will be provided maps of the overall project site and will discuss evacuation routes with team members onsite.

8.0 EQUIPMENT

The UXO Technician providing MEC avoidance escort services will be equipped with the following:

- Hand-held analog instrument
- Flagging ribbon for marking areas to avoid or suspect MEC items, if encountered
- Cellular phone with camera
- Hand-held GPS
- Base radio (if required by Edwards Airforce Base)

Safety equipment required for the field team includes the following:

- First-aid kit
- Level D PPE
- Bottled water
- Inclement weather gear, as needed

9.0 HEALTH AND SAFETY PLAN (HASP)

9.1 HEALTH AND SAFETY PLAN OBJECTIVE

ECM has developed this Health and Safety Plan (HASP) to establish personnel protection standards and mandatory safety practices and procedures for munitions response services at the 8MSE site. The objective of this HASP is to provide reasonable assurance that field work conducted for this project will be performed in a safe and healthful manner in accordance with the ECM Corporate Health and Safety Program and regulatory agencies such as OSHA 29 CFR 1910.120 and Cal/OSHA 5192.

9.2 STAFF ORGANIZATION, QUALIFICATIONS, AND RESPONSIBILITIES

The responsibilities of the staff and management personnel with respect to health and safety issues are described in the following subsections:

9.2.1 Project Manager

John Choynowski is the ECM PM – responsibilities of the ECM PM are:

- Ensure implementation of this HASP in coordination with the UXO Escort Team and the ECM Project Safety Manager (PSM).
- Participate in major incident investigations.
- Ensure that the ECM PSM and UXO Escort Team are informed of project scope changes that require modifications to the HASP.
- Ensure that adequate resources are provided to the field staff to carry out their responsibilities as outlined in the CSP.

9.2.2 Project Safety Manager

Luis Mercado, CSP is the ECM PSM – It is the responsibility of the ECM PSM to:

- Serve as the primary contact to review health and safety matters that may arise.
- Approve revised or new safety protocols for field operations.
- Coordinate upgrading or downgrading of personal protective equipment (PPE) with the UXO Escort Team.
- Assist in the investigation of major accidents.

9.2.3 Safety Representative

The UXSO Escort, located onsite while work is conducted in the AOPC, will serve as the safety representative and will ensure ECM employees are following the HASP and it is their responsibility to:

- Will have direct communication capability with the ECM PM and ECM PSM should any issues arise.
- Initiate the Incident Report, if he need does arise.
- Conduct daily UXO safety briefings.
- Participate in major incident investigations.

9.2.4 Site Personnel

Site personnel include all persons entering the work site for the purpose of assisting in the completion of the project. This includes, but is not limited to client representatives, ECM management personnel, and site workers. It is their responsibility to:

- Report any unsafe or potentially hazardous conditions to the UXO Escort.
- Maintain knowledge of the information, instructions, and emergency response actions contained in this HASP.
- Comply with rules, regulations, and procedures set forth in this HASP. Inspect all tools and equipment, including PPE. Inspections are conducted daily, prior to use, and tools will only be used for their intended purpose.

9.3 TRAINING

All personnel performing UXO clearance boundary services, surface clearance, and anomaly avoidance will have completed at least 40 hours of hazardous waste operations training, as required by 29 CFR 1910.120/1926.65. Those personnel who completed the 40-hour training more than 12 months prior to the start of the project will have completed an 8-hour refresher course within the past 12 months. The UXO Technicians will meet the requirements set forth in DDESB TP-18 (2016).

9.3.1 UXO Safety Briefings

UXO safety briefings will be conducted by the safety representative (UXO Escort) on site prior to the start of work each day and all subcontractor personnel performing activities on site that day will be present at these briefings. The safety briefings will be documented on the daily safety brief template (Appendix C) which captures a listing of topics discussed, other pertinent issues, and the names of all attendees. The information gathered during the

safety briefing session will be used to correct any unsafe conditions or work practices at the jobsite and to amend the HASP, as appropriate. Additional detail regarding safety briefings is included in Section 6.0 of this CSP.

9.3.2 Emergency Response Training

ECM personnel on this project have not been trained as hazardous material responders or incident commanders; therefore, personnel will not respond to off-site releases of hazardous materials, structural or major fires, or other catastrophic incidents beyond their training and competency and should contact 911 in emergency situations. Emergency response on site will follow section 9.5.

9.3.3 Heat Stress Prevention Training

Personnel will receive heat illness prevention training prior to working outdoors. This training will review the signs and symptoms of heat illness, detail the concept and importance of acclimatization and ECM's responsibility to provide water, shade, cool-down rests, and access to first aid.

9.3.4 Valley Fever

Personnel on this project will be trained on the 8 topics related to valley fever prevention in accordance with California legislation, AB 203 if activities being performed will disturb the soil. Training guidance is provided in Appendix C and will be documented upon completion.

9.4 HAZARD IDENTIFICATION, ANALYSIS, AND MITIGATION

The potential hazards associated with the work at this site include physical hazards and biological hazards. The potential for encountering various hazards will depend on the work being conducted and the location of the work area on site. In the case of biological hazards, the potential for hazards may also depend upon the weather or season. The various types of hazards and associated mitigation measures are summarized in the AHA matrix presented in Appendix A. General information regarding the hazards is presented in the following paragraphs.

Several mitigation measures are applicable to all site activities. These measures are listed here for simplicity rather than being repeated in each activity hazard assessment and in follow-on sections:

- All work will be conducted during daylight hours only;
- No work will be conducted during extreme weather events (heavy rain, high wind, lightning storms);
- Site vehicles will be maintained in good working order and will be regularly inspected to ensure such. Seat belts will be worn at all times in all site vehicles and such vehicles will be operated in a reasonable and prudent manner;
- Smoking, eating, and drinking will not be allowed in work areas;
- Working while under the influence of intoxicants, narcotics, or controlled substances will not be tolerated: and,
- Running, horseplay, or practical jokes that may result in illness or injury will not be allowed on site at any time.

9.4.1 Physical Hazards

9.4.1.1 Heat Stress

Elevated temperatures, heavy physical labor, and the use of PPE present the possibility of heat stress to employees and subcontractors. Heat stress can occur at any time regardless of the season or weather. The occurrence of heat related injuries is dependent on the amount of direct sun, wind, humidity, and degree of physical exertion.

Heat Rash: Skin irritation resulting from prolonged contact with wet clothing. Preventative

measures: Rest in a cool place; keep skin dry and clean.

Heat Syncope (Fainting): Blood pools in legs and less blood goes to brain; caused by standing in heat for long periods of time and/or not acclimatizing to the heat.

Preventative measures: Moving around; not standing still.

Heat cramps: Spasms in the abdomen or limbs, caused by loss of salts when sweating.

Preventative measures: Drink electrolyte liquids.

Heat Exhaustion: Pale, clammy skin, profuse perspiration, weakness, headache, and nausea; loss of fluids and salts.

Preventative measures: Rest in place, loosen clothing, drink electrolyte solution (slowly), elevate feet 8-12 inches from ground while laying down.

Heat Stroke: Life-threatening condition that occurs when the body's temperature regulating system no longer functions properly. Symptoms include hot, dry skin, a high fever (often 106 degrees Fahrenheit [°F] or higher), dizziness, nausea, rapid pulse, and unconsciousness. Brain damage and death may follow if the body temperature is not reduced.

Heat stroke will be treated as a medical emergency (Call 911, control situation, then call PSM.)

Heat stroke should be treated immediately by bringing the affected person(s) out of direct sunlight and applying cool water or cold packs to the neck and armpits, and by following emergency procedures.

Procedures that shall be implemented to reduce the risk of heat stress include the following:

- Training to familiarize individuals with signs and symptoms of heat stress;
- Acclimating workers to site conditions, self-determining heat exposure, health status monitoring, and adjustment of expectations based on acclimatization;
- Implementing work/rest cycles, as appropriate, to periodically allow employees to remove protective clothing and warm up or cool down. Cotton undergarments can aid in absorbing perspiration and will hold it close to the skin, which will provide cooling from the limited evaporation that takes place underneath chemical resistant clothing;
- Making liquids available to replace loss of body fluids and electrolytes during sweating. Perspiration is composed of sodium and potassium salts. Replacement fluids should be similar in composition (e.g., diluted Gatorade [3:1 ratio], or unsweetened fruit juices). The use of salt tablets is not recommended;
- Utilizing cooling devices if necessary;
- Monitoring of employee stress levels; and
- Replacing fluids.

The safety representative will be responsible for monitoring symptoms of heat stress and the establishment of a work/rest regimen. The safety representative may set up a physiological monitoring program that may include measurement of oral temperatures, body weight loss each day, and/or humidity, in order to assess work/rest regimens. If at any time a worker feels nauseated or dizzy, he/she will immediately stop work, cool off, rest (in a shaded area), and seek assistance if symptoms do not subside.

If determined necessary by the safety representative, scheduling of activities may occur so that work is performed early in the morning or late afternoon to minimize heat stress.

Cold Stress

Due to the relatively mild climate of Kern County, California, cold stress is not anticipated. If conditions are observed that make this condition possible, training and/or monitoring will be instituted in accordance with ECM Safety Program.

Slips, Trips, and Falls

Working in and around the site will pose slip, trip, and fall hazards due to several conditions such as slippery surfaces, loose soils, and physical obstacles. Slips, trips, and falls are a leading cause of injuries in field- related work settings; therefore, a concerted effort to identify, control, and eliminate these hazards and the measures needed to reduce or eliminate the possibility of injury will be communicated to all site personnel. Site personnel will be instructed to look for potential safety hazards and immediately inform other site personnel about any new hazards. If the hazard cannot be immediately removed, action must be taken to warn site workers about the hazard. Proper housekeeping must be maintained on site. Small holes and pits along high foot traffic areas should be marked, covered, or barricaded to prevent injury.

Manual Lifting

Manual lifting of heavy objects may be required. Failure to follow proper lifting technique can result in back injuries and strains. Back injuries are a serious concern as they are the most common workplace injury, often resulting in lost or restricted work time and long treatment and recovery periods. Individual employees are not to lift loads greater than 50 pounds based off the National Institute for Occupational Safety and Health (NIOSH) Lifting Index. The following procedure should be used to lift anything, particularly heavier loads, safely:

- Assess the load as to its weight, size, and shape;
- Make sure path is clear prior to lifting;
- Place the feet about a foot apart and close to the object for good balance;
- Bend the knees to a comfortable position and get a good handhold;
- Using both leg and back muscles, lift the load straight up, smoothly and evenly. Pushing with the legs, keep the load close to the body;
- Lift the object into carrying position, avoiding twisting movements until the lift is completed;
- Turn the body with changes of foot position, making sure the path of travel is clear; and
- Using both leg and back muscles, comfortably lower the load by bending the knees.
- When the load is securely in place, release the grip. Setting down the load is just as important as picking it up.

The steps listed above also apply to team lifting, with an emphasis on coordination. All team members should start and finish the lifting action at the same time and perform turning movements together.

Adverse Weather

In the event of adverse weather conditions, the safety representative will monitor weather stations to determine if work can continue without potentially risking the safety of all field workers. Some of the conditions which may present a potential danger to workers include:

- The presence of extreme temperatures (> 100 ºF or < 32 ºF)
- The presence of treacherous weather-related working conditions such as rain and high winds (> 30 miles per hour)
- Lightning within 10 miles
- Limited visibility (fog)

Electrical Hazards

Overhead power lines and downed electrical wires all pose a danger of shock or electrocution if employees contact or sever them during site operations. Electrical equipment and extension cords used on-site may also pose a hazard to employees. Potential adverse effects of electrical hazards include burns and electrocution, which could result in death.

Biological Hazards

The following biological hazards may be present at the site. The safety representative advises the field crew in the recognition and procedures for encountering biological hazards at the site.

Insects:

Insects, including bees, wasps, and hornets may be present at this site making the chance of a bite or sting very possible. Some individuals may have a severe allergic reaction to an insect bite or sting that can result in a life-threatening condition; any individuals who have been bitten or stung by an insect will notify the safety representative. Field personnel who may have insect allergies will provide this information to the safety representative prior to commencing work and will have allergy medication on site. The following is a list of preventive measures:

- Wear light colored clothing and tuck in the pant legs to reduce contact. In severely infested area it may be necessary to tape all clothing openings.
- Apply repellents to both clothing and bare skin. Diethyltoluamide (DEET) is an active ingredient in many repellents which are effective against ticks and other insects. Repellents containing DEET can be applied on exposed areas of skin and clothing.
- When walking in vegetated areas, avoid contact with bushes, tall grass, or brush as much as possible.

Mild insect stings or bites should be treated by applying a baking soda paste or ice wrapped in a wet cloth. Bee stingers should be gently scraped off the skin, working from the side of the stinger. The suction device in commercially available snakebite kits can also be used to remove the stinger. If insect bites become red or inflamed or symptoms such as nausea, dizziness, shortness of breath, etc., appear, medical care will be sought immediately. Immediate medical care is essential for personnel who are allergic to insect bites/stings. If an allergic person receives a spider bite or insect bite/sting, seek immediate medical attention, keep the victim calm, and check vital signs frequently. Rescue breathing should be given, if necessary, to supply oxygen to the victim.

Snakes and Spiders

Be alert and avoid turning over rocks or other debris that may serve to form a protected area for snakes, or spiders. Wear snake chaps when walking through densely vegetated areas. Use a “walking stick” when walking through vegetated areas. Probe the area ahead before walking ahead.

Venomous Snakes

The two most common venomous snakes for the region are sidewinder rattlesnake and Mojave green rattlesnake. The best defense against any venomous snake is to simply never go near it. Many bites occur on hands and arms while people are reaching for the snake to move it.

Personnel shall be especially careful walking in grass and underbrush. Boots and heavy pants should be worn. In the event of a snakebite, the affected area will be immobilized and the victim will be transported to the hospital. Snakebite kits are not used, as current American Red Cross first aid procedures do not advocate their use. Based on this recommendation, no other treatment will be performed by on-site personnel for this sort of injury. An effort should be made to identify the type of snake so this information can be given to medical personnel. Without risking a bite to investigating personnel.

In all cases of contact with venomous arthropods and snakes, the victim shall be transported to the identified medical facility for treatment.

Venomous Spiders

Southern Black Widow Spiders - Southern black widow (Latrodectus mactans) spiders are found across the United States and throughout California. The state is also home to the western black widow (L. hesperus), the northern black widow (L. variolus), and the brown widow (L. geometricus). The black widow spider is black with a red hourglass marking on its stomach. It lives in dark places such as under houses, in garages, and cellars. Human victims suffer chills, fever, severe pain and tremors. Many who suffer from black widow bites will have difficulty breathing and quickly lose consciousness. Anyone bitten by a widow spider should immediately seek medical treatment.

Desert and Chilean Recluse Spiders - The desert and Chilean recluse are common throughout southern California. The spider thrives in numerous debris piles, under houses, and within cellars. Recluse spiders are often found in dark areas inside homes like closets, attics, under sinks and furniture, and in small crevices. These spiders tend to keep to themselves and avoids human contact. They spin fine, grey webs that they hide within during the day. Within 24 hours of being bitten, a victim will experience nausea, chills, fever, and pain. The venom quickly kills the tissue surrounding the wound. Victims should seek medical care immediately.

First aid procedures for a Black Widow and Recluse bite are as follows:

- Clean the area of the bite with soap and water or rubbing alcohol. Do not apply a constricting band because the black widow venom's action is swift; there is little to be gained by trying to slow absorption with a constriction band.
- To relieve pain, place an ice pack over the bite.
- Keep the victim quiet and monitor breathing.
- Seek immediate medical attention.

- If possible, catch the spider to confirm its identity, even if the body is crushed.

Bloodborne Pathogens

Bloodborne pathogens enter the human body through punctures, cuts, or abrasions of the skin or mucous membranes. They are not transmitted via ingestion (swallowing), through inhalation into the lungs, or by contact with whole, healthy skin. However, under the principle of universal precaution, all blood should be considered infectious and all skin and mucous membranes should be considered to have possible points of entry.

There are a number of infections transmitted by insects and arthropods where the infection cycle includes the human blood system. Examples include malaria and Lyme disease, which are transmitted by mosquitoes and ticks, respectively. These diseases are serious and the possibility for infection should be considered. However, these diseases cannot

be transmitted through personal contact with human blood and are not covered by the OSHA Bloodborne Pathogen Standard. Two primary blood borne pathogens include Hepatitis B and Acquired Immune Deficiency Syndrome (AIDS). Potential blood borne pathogen exposure includes:

- Contact with contaminated medical equipment, medical waste, or sharps.
- Contact with contaminated body fluids during emergency medical response operations such as administering first aid or CPR
- Contact with human wastes such as domestic sewage.

To reduce the risk of contracting a blood borne pathogen, take the following precautions:

- Avoid contact with blood and other bodily fluids.
- Use protective equipment when giving First Aid/CPR, such as disposable gloves and breathing barriers.
- Thoroughly wash hands with soap and water immediately after giving

aid. When cleaning up blood or other bodily fluids:

- Clean up the spill immediately (or soon as possible).
- Use disposable gloves and other PPE when cleaning up spills.
- Wipe up the spill with paper towels or other absorbent materials.
- After the area has been wiped up, flood the area with a solution of ¼ cup liquid chlorine bleach to 1 gallon of fresh water and allow the solution to stand for at least 20 minutes.
- Dispose of the contaminated material used to clean up the spill in a labeled biohazardcontainer.

9.5 EMERGENCY RESPONSE

This section establishes procedures and provides information for use during a project emergency. Emergencies occur unexpectedly and quickly and require an immediate response. Therefore, contingency planning and advanced training of all project staff are essential. An emergency plan is required by OSHA (29 CFR 1910.120) and Cal/OSHA 5192. A copy of this plan will be posted (or otherwise available) at each work site. As required by OSHA, all ECM field personnel will participate in annual or biennial physicals. These physicals must be in compliance with OSHA 1910.120 requirements for hazardous waste site operations.

9.5.1 Personnel and Lines of Authority

The PSM oversees and approves the Emergency Response/Contingency Plan and performs audits to determine that the plan is in effect and all pre-emergency requirements are met. The Safety Representative will be responsible for the overall direction and implementation of the Emergency Response Plan (ERP), and for overall coordination of any emergency response actions. The safety representative will be assisted as necessary and requested, by other site personnel. The safety representative may task others with taking responsibility for specific activities during an emergency. Specific responsibilities of the Safety Representative include, but are not limited to, the following:

- Notifying local police, fire department, and other off-site emergency units, as required (Contact information is contained in table below);
- Notifying the 8MSE Representative, Stantec Representative, and ECM PM and provide updates as conditions change;
- Directing off-site emergency response personnel to the scene and providing assistance;
- Providing medical background information of the sick/injured and applicable site health and safety

information to the off-site emergency medical responders;

- Establishing emergency site control;
- Accounting for all site personnel and visitors;
- Ensuring that all machinery and processes are shut down or stabilized in the event of a stop work order or evacuation;
- Assisting on-site emergency response personnel with rescue, treatment and transport of sick/injured;
- Ensuring that on-site emergency response personnel don the proper PPE if needed; and
- Accompanying sick/injured personnel to hospital when possible;

All on-site personnel and visitors involved in this project shall be responsible for:

- Reporting any site emergencies to the safety representative;
- Knowing the exit location and evacuation route within the work areas;
- Knowing the pre-planned evacuation assembly point and going there in the event of an emergency; and
- Assisting emergency response personnel as required.

Table 1 Contact Information

Contact	Contact Info
Emergencies- Ambulance/Fire/Police	**911**
Emergency Hospital Adventist Health Tehachapi Valley 1100 Magellan Dr Tehachapi, CA 93561	(661) 823-3000
Suspect MEC Discovery Kern County Sheriff's Department 1350 Norris Rd Bakersfield, CA 93308	(661) 391-7500
Centers for Disease Control (CDC)– **Hotline CDC Clinician Information Line**	(day) (404) 329-3311 (night) (404) 329-2888 (800) 311-3435 (888) 246-2675
ECM Project Manager (John Choynowski)	(443) 350-5631 (cell)
ECM Project Safety Manager (Luis Mercado, CSP)	(916) 955-2477 (cell)
8MSE Project Manager (Eli Murrey)	(415) 812-7314 (cell)
Edwards Air Force Base (Claudia Basura)	claudia.basura.1@us.af.mil

9.5.2 Medical Emergency Procedures

Directions to the nearest medical facilities are provided in Appendix D.

If the medical emergency is severe enough, the uninjured person will:

- Call 911 for initial employee evaluation and transport to the hospital.
- An injured ECM employee will call CSP at 1-(916) 955-2477 to request a contact number for medical assistance for a triage call/discussion with an Occupational Health Nurse or physician. Mention immediately that the call is regarding an emergency injury. The Occupational Health Nurse will assist the supervisor to determine the best treatment plan. Provide the following information to CORE:
  - Name of supervisor calling;
  - Phone number;
  - Location calling from;
  - Name of individual injured and social security number; and
  - Date and type of injury.

In the event that the safety representative orders a cessation of work, all personnel at the work site shall use the buddy system and shall stay within sight of their partner. All personnel will:

Leave the area if the hazard warrants such action;

Assist emergency response personnel when requested and meet them at the entrance (or other applicable location) for escort to the site.

9.5.3 Procedures Associated with Coronavirus

Mitigation information regarding Coronavirus and the resulting Coronavirus Disease – 2019 (COVID-19) is provided in Appendix E.

10.0 REFERENCES

Bay West, Executive Summary Letter Report Regarding Peak Valley Solar Farm Project, 1 July 2020

CAL/ Occupational Safety and Health Administration, 5192 was consulted and/or referenced for this Health and Safety Plan.

Department of Toxic Substances Control Recommendations on 8Minute Solar Energy Proposed Development of Parcel Adjacent to and North of Edwards Air Force Base, Military Munitions Response Program Sites AL505- 2 and AL505-2A

United States Army Corps of Engineers (USACE), Engineer Manual (EM) 385-1-97, Explosives - Safety and Health Requirements Manual

United States Army Corps of Engineers (USACE), Engineer Manual (EM) 385-1-1, Safety and Health Requirements Manual

U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health (NIOSH), Public Health Services. 2010. *Pocket Guide to Chemical Hazards.* September. TLVs were consulted and/or referenced in this Health and Safety Plan.

U.S. Department of Labor, Occupational Safety and Health Administration (OSHA), Code of Federal Regulations (CFR). n.d. Title 29, CFR, Part 1910, Occupational Health and Safety Standards was consulted and/or referenced in this Health and Safety Plan.

APPENDIX A: ACTIVITY HAZARD ANALYSIS

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Activity Hazard Analysis (AHA) #1

Activity/Work Task: Mobilization, Construction Support, and Demobilization	**Overall Risk Assessment Code (RAC) (Use highest code)**					**L**
Project Location: Bellefield Solar Farm, Kern County, California	**Risk Assessment Code (RAC) Matrix**					
Contract Number: 179-47200015	**Severity**	**Probability**				
Date Prepared: October 2020		Frequent	Likely	Occasional	Seldom	Unlikely
Prepared by: James Rossi	Catastrophic	**E**	**E**	**H**	**H**	**M**
	Critical	**E**	**H**	**H**	**M**	**L**
Reviewed by: Lis Mercado, CSP, Environmental Health and Safety	Marginal	**H**	**M**	**M**	**L**	**L**
	Negligible	**M**	**L**	**L**	**L**	**L**

Notes: (Field Notes, Review Comments, etc.)

In addition to the information listed in this AHA, all field personnel must review and be familiar with all provisions of the approved HASP.

PPE for this AHA will consist of a hard hat (when overhead safety hazards exist), safety-toed boots, safety glasses with side shields, a standard work uniform (long pants, tee shirt), hearing protection (as required), Hi-visibility class 2 vest (when working around earth moving machinery) work gloves worn when indicated. Other PPE described in this AHA.

Step 1: Review each **"Hazard"** with identified safety **"Controls"** and determine RAC (see above).

"Probability" is the likelihood to cause an incident, near miss, or accident and is identified as Frequent, Likely, Occasional, Seldom, or Unlikely.

"Severity" is the outcome/degree if an incident, near miss, or accident did occur and is identified as Catastrophic, Critical, Marginal, or Negligible.

Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on the AHA. Annotate the overall highest RAC at the top of the AHA.

RAC Chart
E = Extremely High Risk
H = High Risk
M = Moderate Risk
L = Low Risk

AHA #1 – Mobilization, Construction Support, and Demobilization			
Job Steps	**Hazards**	**Controls**	**RAC**
1. Mobilizing, Construction support, and Demobilization	Vehicle operations or unloading tasks could cause injury to personnel or others on site.	• Workers operating vehicles will have a valid state issued driver's license and will be authorized by ECM to operate vehicles. • Operate at safe speeds and obey traffic speeds and rules as instructed. • Wear seat belt at all times when vehicle is in operation. • Use parking brake when parked. • Use chocks when parked on inclines. • Use dedicated spotter and standard hand signals for backing operations. • No cell phone or radio use permitted by driver while vehicle is in motion accept in "hands-free" mode.	L
	Ergonomic hazards such as sprains, strains, or back injury could occur from lifting or repetitive actions.	• Use mechanical lifting equipment or team lift when possible rather than by hand and tool methods. • Do not bend at the waist, bend at the knees. • Do not twist at the waist and turn while lifting. • Keep the load centered and close to body. • Do not lift more than 50 pounds (may be lesser for some workers) alone. • Rotate tasks and take breaks when performing repetitive tasks and try to find the best position possible to perform the task.	L
	Handling sharp objects or using hand tools or knives could cause cuts, punctures, or scrapes.	• Wear leather work gloves when handling materials that may be sharp or have sharp edges. • Be familiar with the proper use and limitations of hand tools. • Report even minor injuries to your supervisor for evaluation. • Never carry a knife in one's pocket. • Ensure knives have retractable blades. • Cut away from the body.	L
	Wild Fire	• Monitor Weather report. • Do not attempt to fight an out of control fire • All personnel will leave area immediately	L
	MEC/MPPEH contact	• Attend daily task-specific safety briefings. • Require completion of 3 R training. • All personnel escorted by an UXO Technician II or above. • Do not touch or disturb any potential MEC items. Adhere to the instruction of the UXO escort. • No intrusive operations, MEC avoidance. • Avoid contact with MEC.	L

		• If a fire should start inside the MRS, all personnel will leave the area immediately in an upwind direction.	

AHA #1 – Mobilization, Construction Support, and Demobilization			
Job Steps	**Hazards**	**Controls**	**RAC**
		• Evacuate work areas as directed by UXO personnel	
	Workers could be exposed to heat or cold stress.	• Safety representative will monitor for heat or cold stress in accordance with HASP. • All workers will be trained in heat and cold stress signs and symptoms and proper prevention measures and will employ the buddy system to watch for signs and symptoms in co-workers. • Provide fluids, rest breaks in heated or air-conditioned environment as appropriate; (e.g., work trucks. • Dress appropriately for the outdoor conditions and be prepared for changes that can occur throughout the day. • Provide a steady controlled work pace. • New workers not used to work in higher altitude environment may require more acclimatization to site conditions and may require more frequent breaks.	L
	Eye injuries could occur from dust or debris.	• Wear safety glasses with side shields at all times when working outside of an enclosed vehicle cab. • If something enters the eye, do not rub. • Set up portable eye wash for flushing of eye to try to remove object. • Use the eye wash for the full 15-minutes, regardless if you feel that the object has been removed. • Notify supervisor so eye can be monitored. • If object still irritates or stays in the eye, seek medical attention as soon as possible. • Follow up with eye exam is recommended any time an object gets into an eye since it is necessary to ensure object does not remain, even if it cannot be felt. • To keep dust down, travel at slower speeds on unpaved roads	L
	Struck by hazard while in vicinity of earth moving machinery	• Stay out of swing radius or operating path of earth moving machinery. • Make positive communication with the operator before entry into work zone. • Workers will pay attention to back up alarms. • Wear have hi visibility vest. • Hard hat worn when there is a potential overhead hazard.	L
	Potential trips or falls	• Survey the site for any slip, trip, or fall hazards. • Either eliminate the hazard or mark the hazard so it can be avoided.	L

AHA #1 – Mobilization, Construction Support, and Demobilization			
Job Steps	**Hazards**	**Controls**	**RAC**
		• Use caution when walking around the site and wear sturdy leather work boots. • Maintain a clean and orderly work site.	
	Head injuries could occur from struck by or falling objects.	• Wear hard hat when overhead hazards exist and when working near overhead hazards.	L
	Contact with biting or stinging insects could occur; including bees, wasps, hornets, ticks, scorpions, snakes and spiders.	• Workers will apply DEET to work clothing following manufacturer's instructions as a preventative measure for biting insects as required. • Workers with allergies will let the safety representative know using the medical data sheet and will carry their own prescription medication as applicable. • First aid and medical attention as required. Report all bites, stings, and rashes to the safety representative. • Avoid reaching blindly into areas, depressions, debris, etc.	L
	Contact with wildlife	• Avoid direct contact with wildlife • If dangerous wildlife spotted onsite, retreat from immediate area in a slow orderly manner to an enclosed vehicle or structure • Notify safety representative of spotted wildlife • Do not perform any activities which may attract wildlife (e.g., leaving food onsite) • Cattle gates must be properly closed after passing through the gates to prevent escape of animals from fenced areas	L

AHA #1 – Mobilization Construction Support and Demobilization		
Equipment to be Used	**Training Requirements/Competent or Qualified Personnel Name(s)**	**Inspection Requirements**
Site vehicles and delivery vehicles	Drivers must have current country and local-issued driver's license. Drivers must be authorized to drive the vehicle by ECM management team.	Receipt inspection by safety representative (as applicable). Vehicle inspection (by drivers. Operator's manual for each vehicle must be located with each motor vehicle.
Cell phones for site communication	Primary communication will be through use of cell phones, but if service is limited, radios will be used onsite for communication amongst field team members.	Ensure cell phone has adequate charge to operate entire day Daily inspection of radios for damage or low batteries. Maintain adequate supply of replacement batteries onsite.

AHA #1 – Mobilization, Construction Support, and Demobilization			
Job Steps	**Hazards**	**Controls**	**RAC**
PPE	A minimum of level D PPE will always be worn. Users must be trained in the proper use, limitations, inspection, and donning and doffing of PPE.	Daily by user. Replace damaged or degraded PPE as necessary.	
Hand-held analog instruments	Review operations manuals for operations. Document training	Conduct daily instrument checks and document in logbook.	

Abbreviations and Acronyms

AHA – Activity Hazard Analysis
CPR – Cardiopulmonary Resuscitation
DEET – 33% diethyl-meta- toluamide
HASP – Health and Safety Plan
PPE – personal protective equipment
RAC Risk Assessment Code

AHA Signature Sheet

I have reviewed the above AHA and acknowledge the hazards involved with this work task and the controls that will help to minimize illness or injury during the tasks.

NAME	SIGNATURE	TITLE	DATE
1.			
2.			
3.			
4.			
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18.			

APPENDIX B: UXO AWARENESS TRAINING

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UNEXPLODED ORDNANCE (UXO) AWARENESS TRAINING

The 3Rs – Recognize, Retreat, and Report

What Is MEC?

Munitions and explosives of concern (MEC) is a term that distinguishes specific categories of military munitions that may pose unique explosive safety risk. MEC may include explosive or chemical munitions, MEC may be unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC) present in high enough concentrations to pose an explosive hazard.
Most MEC consists of munitions from past military activities associated with range operations, troop training, weapons systems testing, and/or armed conflicts.

What is MEC?

MEC comes in all shapes and sizes and may include the following:

- Bombs
- Projectiles
- Rockets
- Mortars
- Land mines
- Grenades
- Guided missiles
- Flares and pyrotechnic devices
- Bulk explosives and propellants

MEC Basic Safety Precautions:

- Follow the 3Rs of Explosives Safety: **Recognize, Retreat, Report**
- Do not touch or disturb MEC or suspected MEC; mark their location and avoid them.
- Do not expose electrically fired munitions to radio, cell phone, or satellite phone transmissions within 25-ft. (7.6-m).
- Do not collect souvenirs.
- Do not smoke except in designated areas. Prohibit non-essential personnel from encroaching upon the site if MEC is identified.
- Suspend all operations immediately upon approach (within 10 miles) of an electrical storm.

Site Operations:

- Although considered unlikely, if MEC is encountered during field operations, the most likely area is believed to be at, and immediately surrounding the MRS-01.
- Any work conducted at the MRS-01 and within 1,000 feet of the target will be supported by a UXO Escort Team.

Site Operations:

- The UXO Escort will be a UXO Technician III.
- The UXO Escort will conduct an instrument-aided, visual surface search for anomalies ahead of Non-UXO Team Members.
- Proposed locations requiring intrusive activities will be thoroughly inspected and cleared by the UXO Escort with handheld instruments prior to conducting subsurface excavations. If subsurface anomalies are detected with the handheld analog instruments, the location of detection will be avoided.

Site Operations:

Work at the project area will be completed in one phase:

- Onsite UXO Construction Support
  - All work conducted within MRS-01 and the 1,000’ buffer will be supported by an onsite UXO Escort.
  - If suspect MEC is encountered, the UXO Escort Team will be the initial response and make the appropriate notifications, if required.

Site Operations:

Onsite UXO Construction Support: Suspect MEC Located

- The UXO Escort will halt escorted personnel in place, assess the item, mark the location, and notify the appropriate authorities.
  - The 8MSE onsite representative(s) will be notified immediately if suspect MEC is encountered.
  - If the 8MSE onsite representative is not available, Mr. Eli Murrey (EMurrey@8minute.com or 415-812-7314) will be notified immediately. The ECM PM.
  - The UXO Escort will notify the appropriate authorities for responding to suspect MEC within Kern County, California.
    - Initial report will be to the Kern County Sheriff's Office (1350 Norris Rd, Bakersfield, CA 93308; (661) 391-7500).
    - The Kern County Sheriff's Office will make notification to the Edwards Air Force Base POC Ms. Claudia Basura (claudia.basura.1@us.af.mil).

Focused UXO Awareness Training:

- For the purposes of this training, we will focus on the most credible MEC potentially present at the site.

The MEC discussed during this training is based on munitions debris (MD) encountered during historical investigations at the site. MEC is expected to be low do to past removal activity.

- As stated previously, there are no records of MEC being discovered at this location and the probability of encountering MEC is considered low.
- The types of MD recovered during prior investigations include the following:
  - M38 100-lb practice bomb MD
  - 20mm cartridge cases



M38 Practice Bomb

Focused UXO Awareness Training:

M38A2 100-lb practice bomb

- Widely used during training missions over targets in isolated areas.
- Simulated a general purpose bomb of the same size and weight.
- The color of this practice bomb was a powder blue color to quickly differentiate it was a live bomb.
- Construction was a light sheet metal forming a cylinder for the main portion with a square box tail fin assembly. At the base, or fin end of the cylinder, a spotting charge was inserted.

M38A2 100-lb practice bomb

The practice bomb was outfitted with an M3spotting charge.

The M3 spotting charge consisted of a 3.5-inch canister filled with black powder. The top of the canister was a cap holding the firing pin assembly. Below this firing pin was a blank 28-gauge shotgun shell pressed downward into a threaded cap that attached to the housing and to the canister cap.

Upon a sudden and jarring impact, the steel plunger struck the thin metal firing pin which fired the 28-gauge shotgun shell inside the canister which was surrounded by the black powder.



Focused UXO Awareness Training:

M38A2 100-lb practice bomb

- The cap of the spotting charge canister with the housing holding the plunger, firing pin, and shotgun shell, typically shot upwards and away from the main portion of the bomb upon impact.
- The rest of the bomb smashed into the ground and a large puff of white smoke from the black powder charge marked the location of the impact in relation to the ground target. The M38A2 bomb filled with sand typically smashed itself into an unrecognizable accordion shape.

Red = Plunger (Inertia Weight)

Yellow = 28-gauge Shotgun Shell

Blue= Canister Cap & Firing Pin Housing

Focused UXO Awareness Training:

M38A2 100-lb practice bomb

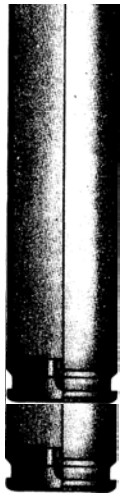
Examples of a M38A2 practice bomb MD after striking the ground.



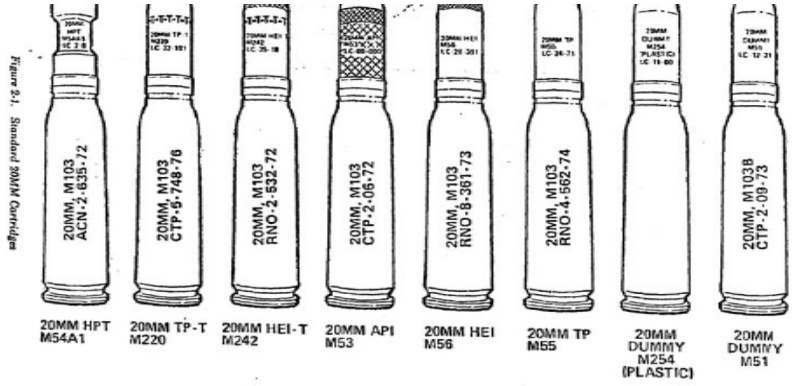
Focused UXO Awareness Training:

Cartridge, 20mm

- Only cartridge cases from the 20mm were located in a prior investigation. There are many projectile types (Practice, Ball, Incendiary, HE, HE-I, AP-T, etc.). Based on the MD recovered, the types of 20mm projectiles fired at the site could not be determined.



Cartridge Case



P

Projectile

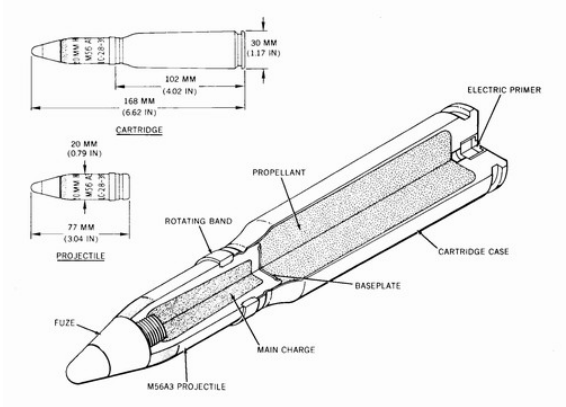
Focused UXO Awareness Training:

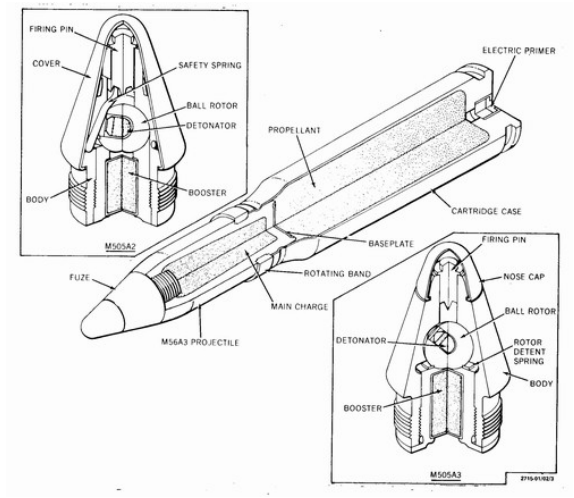
Cartridge, 20mm

- ☐ As the type of projectile used at the site could not be determined, 20mm target practice info is provided here. Additional info on varying types of 20mm projectiles is included in Attachment 1.

Ordnance Technical Data Sheet

U.S. CARTRIDGE, 20-MM, HEI, M56, M56A1, M56A2, M56A3, & M56A4





Be Safe:

*An EZ of **394'** will be observed around any MEC or suspect MEC encountered during this field effort. Do not allow anyone within this EZ until the MEC has been rendered safe by the appropriate authority.*

Additional information regarding the MEC presented in the UXO Awareness Training is included in Attachment 1.

Remember the **3Rs** if you think you have located MEC…

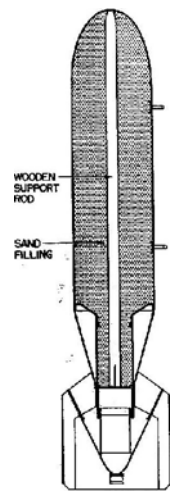
ATTACHMENT 1

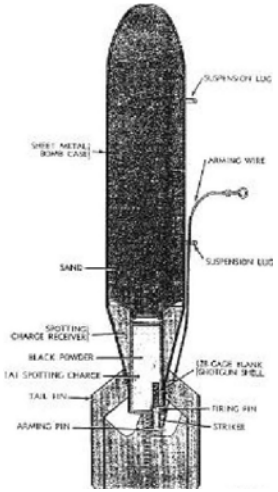
Additional Munitions Info/Photos

M38 100-LB PRACTICE BOMB

Additional Munitions Data

BOMB, PRACTICE, 100 POUND, M38A2





with 115 spotting charge with MIA! spotting charge

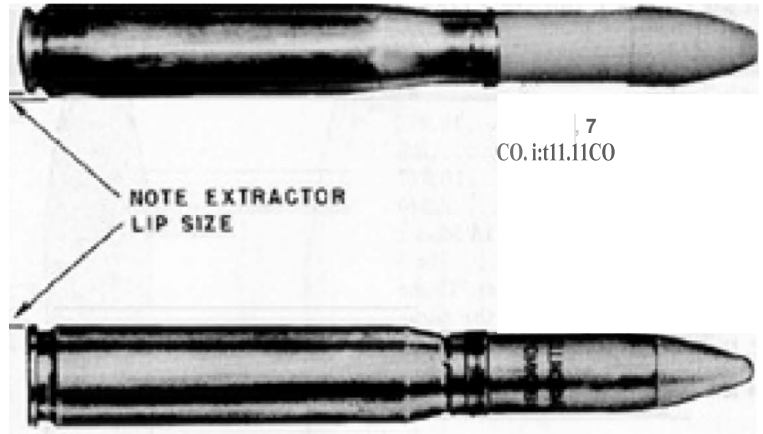
Description. This bomb simulates a General Purpose bomb of the same size. It is constrncted of light sheet metal, approximately 22-gage, fonned hy rolling a rectangular sheet of metal into the forrn of a cylinder approximately 8 inches in diameter, and spot-welding the seam. TI1e rounded nose is pressed from the same metal, as is the tail, which is fanned in the shape of a cone. The tail portion ends in hox type fins, which is welded to the cone. Inside of the smaller end of the conical tail section is welded the spotting charge receiver. The spotting charge is assembled in a sleeve at the base of the bomb, within the fm box. Authmized spotting charges are the MIA!, M3, and M5. Vv11en using the M5 spotting charge a wooden support rod is installed in the bomb. Two suspension lugs arc bolted to the bomb body during fabrication. lhe Suspension 13and Ml is provided for single suspension. The band is a separate component. The over-all length of the bomb body is 472 inches. \Vhen empty, the bomb body weighs approxin1atcly 14 poLmds. When compkldy loaded wilh sand and spolling charge, the weighl of the bomb is approximately 100 pounds.

Over-all length..... 47.5 inches
Diameter. ..... 8.13 inches
Weight empty.....15.7 pounds
Weight sand loaded & spotting charge ..... 100 pounds

Reference: TM 9-1904, *Ammunition !nspection Guide,* March 1944; NA VSEA OP 1664 Volume 2, *U.S. Explosive Ordnance,* Febrnary 1954: *Complete Round Chart lf 5981,* October 1944

CARTRIDGE, 20MM

Additional Munitions Data



M 96
HISPANO-SUIZA)

APPENDIX C: DAILY UXO BRIEFING TEMPLATE

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SAFETY MEETING ATTENDANCE LOG

DCN: ECM-0005-000-0007

Please provide all requested information and sign indicating you have attended and thoroughly understood today's safety briefing, containing details outlined on the previous page. By signing you agree to comply with the safety guidelines and safe working practices discussed therein.

Date:	Time:	Contract Number:
Delivery Order Number(s):		Location:
Weather Conditions:		Weather info:

Printed Name	Signature	Company

UXOSO

Continued for date _____ DCN: ECM-0005-000-0007
Page 2 of 2

Printed Name	Signature	Company

APPENDIX D: EMERGENCY ROUTE TO HOSPITAL

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Emergency Route to Hospital



Hospital Contact and Route Information:

Hospital:	Adventist Health 1100 Magellan Dr. Tehachapi, CA, 93561
From Boron, CA	• Take CA-58 West from Arroyo Ave and 20th St • Take exit 149 for Mill St • Turn right on Capital Hills Pkwy • Turn left on Voyager Dr • Turn right on Athens St • The hospital, 1100 Magellan Dr

ALL ON-SITE PERSONNEL MUST HAVE A COPY OF THE MAP TO THE HOSPITAL AND EMERGENCY CONTACT INFORMATION AVAILABLE IN THEIR VEHICLE.

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APPENDIX E: COVID-19 MITIGATION PLAN

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COVID-19 MITIGATION PLAN

BACKGROUND

According to the Centers for Disease Control (CDC), the coronavirus that causes COVID-19 is thought to spread mainly from person-to-person, between people who are in close contact with one another (within about 6 feet) and through respiratory droplets produced when an infected person coughs or sneezes (https://www.cdc.gov/coronavirus/2019-ncov/prepare/prevention.html). There have been reports that the virus may survive on surfaces for as long as 3 days. Accordingly, this supplement focuses on procedures that should be followed to mitigate the potential for spreading the coronavirus from or to field personnel and others.

DISEASE PREVENTION MEASURES

GENERAL MEASURES

Project staff shall follow the procedures and recommendations of the CDC, which have been widely disseminated to the public. These steps include:

Travel

- If an individual is feeling ill, DO NOT TRAVEL! Contact supervisor immediately to report health condition. If you are feeling the following symptoms heed this action:
  - Fever (person feels warm to the touch or has a measured temperature of 100.4 ^{O}F) that has persisted for more than 48 hours; or
  - Fever AND one of the following – persistent cough, difficulty breathing, or appears obviously unwell.
- Stay abreast of Restriction of Movement (ROM) orders for the local area. DO NOT VIOLATE ROM orders.
- Personnel traveling from the home will try to get direct flights to prevent the need from being in several airports.
- No more than two individuals shall ride together. Maintain the maximum social distancing between individuals based on vehicle size. If driving a sedan, only two individuals should ride together with the passenger in the rear seat opposite from the driver side. If using a service truck with a bench seat, maintain the maximum distance from each other. Maintain vehicle windows opened for additional ventilation and place A/C on fresh air setting.
- Maintain disinfectant wipes in the vehicle. Wipe down all frequently touched surfaces regularly. These surfaces include steering wheel, exterior and interior door handles, gear shift, climate control buttons, radio buttons, rearview mirror, center console, key fob, and A/C vents.

Wash your hands often

- Wash your hands often with soap and water for at least 20 seconds especially after you have been in a public place, or after blowing your nose, coughing, or sneezing.
- If soap and water are not readily available, use a hand sanitizer that contains at least 60% alcohol. Cover all surfaces of your hands and rub them together until they feel dry.

- Avoid touching your eyes, nose, and mouth with unwashed hands.

Avoid close contact

- Avoid close contact with people who are sick.
- Maintain a distance of at least 6 feet between yourself and other people.
- No more than 10 people will be congregated in one area.
- Daily tailgate safety briefings will be conducted outdoors to promote further social distancing.

Cover coughs and sneezes

- Cover your mouth and nose with a tissue when you cough or sneeze or use the inside of your elbow (known as cough etiquette).
- Throw used tissues in the trash.
- Immediately wash your hands with soap and water for at least 20 seconds. If soap and water are not readily available, clean your hands with a hand sanitizer that contains at least 60% alcohol.

Clean and disinfect

- Clean AND disinfect frequently touched surfaces daily. This includes tables, doorknobs, light switches, countertops, handles, desks, phones, keyboards, toilets, faucets, and sinks.
- For disinfection, use disinfectant wipes if available. If not available, dilute household bleach to a solution of no more than a 1:10 or use EPA-registered household disinfectants for viral pathogens. Read manufacturer's product label for intended surfaces and appropriate contact time or follow the CDC guidance of:
    - 5 tablespoons (1/3 cup) bleach per gallon of water or
    - 4 teaspoons bleach per quart of water.
- Always use appropriate disposable nitrile gloves and ANSI approved safety eyewear when using products.
- If surfaces are dirty, clean them: Use detergent or soap and water prior to disinfection.

PROGRAM SPECIFIC MEASURES

Project staff shall be vigilant about maintaining distance (minimum of 6 feet) between themselves and **all** other people. No more than 10 people should congregate in one area. This includes members of the public, base personnel, other contractors, and other Team staff. Further, this always applies; in the field, at the hotel, and for safety briefs at the beginning and end of each day. All field equipment handled by staff must be disinfected a minimum of once a day. If equipment is shared between staff members, it should be disinfected between use by one staff member and the next.

Should an employee develop symptoms of COVID-19 (including fever, cough, and/or shortness of breath), they shall immediately contact the CSP Luis Mercado. His number is listed in the "Emergency Contacts List".

There is a high likelihood that should one field team member contract COVID-19, the entire field team will be quarantined for at least 14 days.

Appendix J
Hydrology Report

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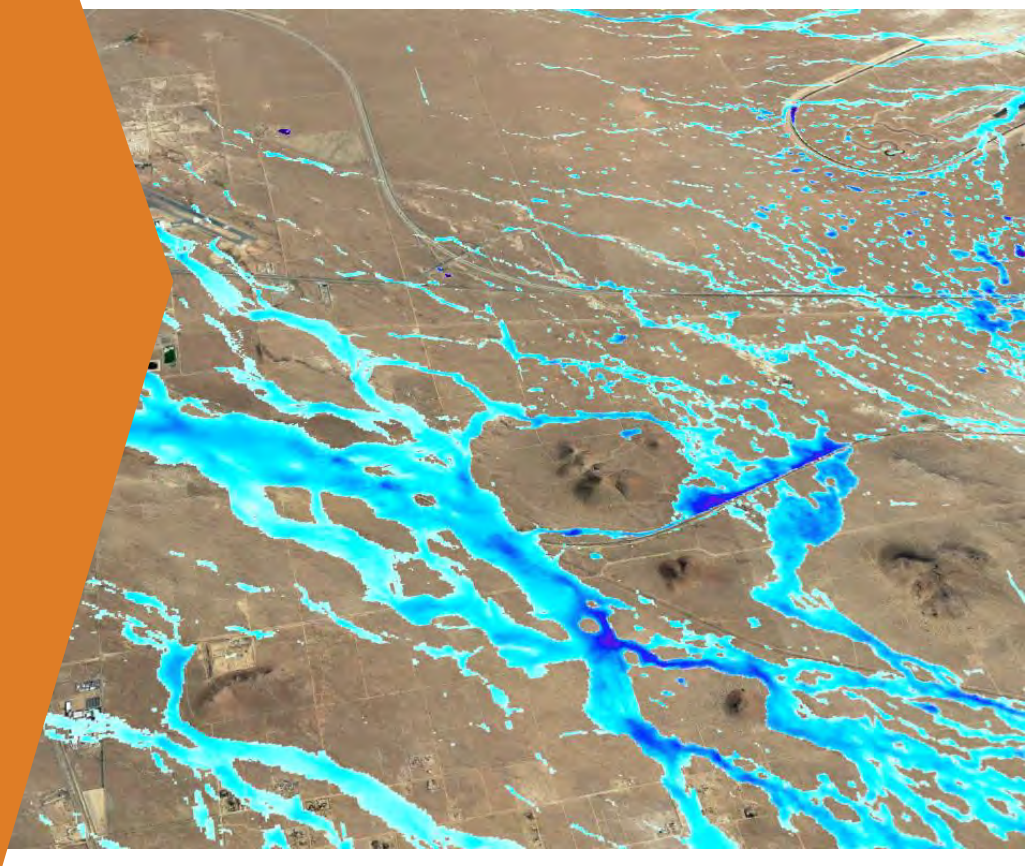
Westwood

Preliminary Hydrology Study

Bellefield Solar Project

Kern County, CA

September 2019



Prepared For:

8minute SOLAR ENERGY

Westwood

Preliminary Hydrology Study for

Bellefield Solar Project

Prepared for:
50LW 8me, LLC c/o
8minute Solar Energy
211 Sutter Street
San Francisco, CA 94108

Prepared by:
Chris Carda, PE
Westwood Professional Services
12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

Project Number: 0023949.00
Date: 9/09/2019

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EXHIBITS

Exhibit 1: Location Map
Exhibit 2: Base Hydrology Map
Exhibit 3: Soils Map
Exhibit 4: Landcover Map
Exhibit 5: Curve Number and Topographic Source Map
Exhibit 6: 100-Year Max Water Depth Map (Entire Modeled Area)
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Exhibit 7: 100-Year Peak Velocity Map (Entire Modeled Area)
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APPENDICES

Appendix A: CivilD Printouts (Kern County Hydrology Manual)
Appendix B: Kern County Curve Number Table
Appendix C: Atlas 14 Rainfall Data
Appendix D: Kern County Hydrology Manual Excerpts
Appendix E: Kern County Development Standards: Standards for Drainage
Appendix F: Pre-Post Water Balance Calculation Sheets
Appendix G: Inflow Rates

Would be helpful to describe the nearest streets and highways in the area, especially since Hwy 58 crosses through the site . Also, describe that there are numerous parcels of which the parcels are not all connected

OVERVIEW

The purpose of the study is to describe the hydrology of the proposed Bellefield Solar Project ("the project") and any impacts that the hydrology may play in the design of the solar array and for use in Kern County permitting.

The project includes approximately 6,500 acres in Kern County, CA approximately 4 miles east of Mojave, CA (Exhibit 1). At the time of this report, the project consists of preliminary parcel layout. Runoff generated from the solar panels will flow to the edge of the panels and be allowed to drip onto the existing pervious surface below and allowed to disperse and infiltrate below the panels across the site.

With the project being located within Kern County the stormwater requirements for Kern County were researched and applicable regulations were followed.

spell out "approximately"

The project site generally slopes to the northeast. The modeled watershed area encompasses ~235 square miles and includes an area starting west of the project. The project area is on a mild slope of around 1%.

Wording is confusing. You mean "part of a watershed that commences west of the project"??

The project area is within FEMA FIRM panels 06029C3325E, 06029C3350E and 06029C3700E. A FEMA designated 1% annual chance flood hazard area for Zone A (undetermined flood depth) runs through portions of the project area (Exhibit 2). Please provide a copy of the FEMA FIRM panels in the Appendix for reference

The hydrologic modeling in this report was created using FLO-2D modeling software. Because of the complex and distributary nature of flow paths upstream and through the project site, FLO-2D hydrologic/hydraulic modeling software was utilized to determine flow depths and velocities throughout the site.

alluvial??

Overall, the analysis shows low water depths and velocities (Exhibits 6 and 7) across the majority of the site. During a 100 year storm the flood depths across the majority of the project area are less than 0.5 feet with velocities less than 1 foot/second. See Exhibits 6 and 7 for areas within the project with higher flood depths and velocities. Based on experience on other similar projects, the site is suitable for the planned development by avoiding areas of high flood depths and velocities in channelized flow areas.

The new solar array will require retention to mitigate the runoff from the new impervious surfaces. The design volume for the onsite retention basin is calculated per Section 408-1 of the Kern County Development Standards (KCDS). The calculation is based on impervious area added by the project. The runoff volume from the ISDD five-day storm is calculated at 17.33 acre-feet.

DATA SOURCES

The models and methods for this project utilize a combination of public and private data as shown in Table 1.

Table 1: Data Sources

Data Type	Format	Source	Use
Elevation	5-m Intermap Elevation Data	Intermap	Onsite FLO-2D Model Elevations
Elevation	10-Meter Digital Elevation Model	USGS 10-Meter National Elevation Dataset	Offsite Watershed FLO-2D Model Elevations
Crop Data	Shapefile	USDA 2013 Crop Data Layer	Landcover
Soils	Shapefile	USGS SSURGO Dataset	Curve Numbers
Precipitation	PDF File	NOAA Atlas 14 Website	Design storms
HUC-12 Drainage Boundary	Shapefile	USGS	Define Model Extents
Site Boundary	KMZ	8minutenergy Renewables, LLC.	Define Model Extents
2015 Aerial Photography	ArcGIS Map Service	USDA FSA	Reference

Wording is confusing. You mean "part of a watershed that commences west of the project"??

PROJECT HYDROLOGY

The project area is located in the south-central California, approximately 4 miles east of Mojave, CA. The project site generally slopes to the northeast. The modeled watershed area encompasses ~235 square miles and includes an area starting southwest of the project. The project area is on a mild slope of 1%. The potential hydrologic issues in this general landscape are flooding and erosive velocities.

alluvial??

Because of the complex and distributary nature of flow paths upstream and through the project site, a FLO-2D model was utilized to determine flow depths and velocities throughout the site. This FLO-2D model was calibrated to the Kern County Hydrology Manual and used to model the site hydrology.

Kern County Hydrology (CivilD)

CivilD modeling software was used to calculate flow rates and confirm that the FLO-2D model was providing results consistent with the Kern County methods (Appendix D). A point (Exhibit 9) was selected to calibrate the results of the FLO-2D model. This location works reasonably well as a calibration point because it is similar to watersheds that contribute to the project site and is relatively concentrated. Inputs to CivilD were calculated following guidance in the KCHM and modeling inputs/outputs can be found in Appendix A. The peak flow rate for the calibration watershed using CivilD was 467.21 cfs. Table 2 below shows the inputs into the CivilD model.

For this planning level assessment, using an average rainfall value is acceptable. However for final design, a distributed rainfall should be used with desert and mountainous rainfall values specified

The calibration watershed used does not appear to be the best location as this example watershed looks to be located on a much steeper slope relative to the flat alluvial plain that the majority of the project site is located on

Table 2: CivilD Calibration Watershed Inputs

Description	Equation	Unit	Value
Watershed Area	Calculated in GIS	Square Mi.	0.83
Watershed Area	Conversion	Acres	528
100-year Aerial Reduction	Figure E-4	Unitless	1.0
Watershed Area with Reduction	Aerial Reduction*Area	Acres	528
Equation	Lag=24n(l*lca/sqrt(s))^0.38	Hours	1.04
Basin Factor	KCHM Page 156 (n)	Unitless	0.10
Longest Watercourse	Calculated in GIS (l)	Miles	2.28
Length to Centroid	Calculated in GIS (lca)	Miles	1.01
Upstream Elevation	From 10-m offsite DTM	Feet	4,750
Elevation at Concentration	From 10-m offsite DTM	Feet	3,740
Difference in Elevation	Upstream – Downstream (H)	Feet	1,010
Slope along Watercourse	Slope (s)	FT/Mi.	487
Average CN for watershed (Appendix B)	CN=	Unitless	81.8

FLO-2D MODELING

FLO-2D is a physical process model that routes rainfall runoff and flood hydrographs over flow surfaces or in channels using the dynamic wave approximation to the momentum equation. FLO-2D offers advantages over 1-D models and unit hydrograph methods by allowing for breakout flows and visualization of flows across a potential site. This is particularly useful on a moderately sloped distributed area such as the project site. The primary inputs are a DTM (elevation data), curve numbers, and precipitation. A grid system is set up within the FLO-2D software and based upon the large watershed size the FLO-2D grid cells were optimized at 50'. Culverts were input into the model along the railroad southeast of the project area.

One inflow location was input into the model to reduce the size, this inflow was based on Streamstats (Appendix G). The inflow location is in the northeast part of the model and has a 100-year peak flow of 11,600 cfs spaced over multiple grid cells.

In general, it is not advised to use an average rainfall value over the watershed. Runoff generation is affected by slope, time of concentration, and lag parameters. Using average rainfall values will not produce accurate volume and peak flow output data. However, for this planning level assessment, using an average rainfall value is acceptable. For final design, a distributed rainfall should be used with desert and mountainous rainfall values specified.

Precipitation data downloaded from NOAA Atlas 14 (Appendix C) for the 100 year rain events in the project watershed was 3.67" of rainfall for the lower desert area and 5.79" for the upper mountainous region. In order to provide conservative results an average of 4.73" of rainfall was used for the model. By using the 100-year rainfall event for design purposes it allows for the best initial analysis in order to determine the worst areas of flooding and erosion. The 100-year rainfall depth was distributed based on a nested distribution of Atlas-14 point precipitation estimates and input into FLO-2D.

The elevation data input into the FLO-2D model was 5-meter Intermap data and USGS 10-meter elevation incorporated into the DTM using the export to xyz file function in Global Mapper. These XYZ files are read directly into FLO-2D.

USDA-NRCS SSURGO soil data provides soil types within the project boundary and full coverage of the contributing watershed. Soils in the area are primarily classified as hydrologic group A & C (Exhibit 3). Land cover was obtained from the Kern County Hydrology Manual. Exhibit 4 displays the Land Cover Classes for the entire watershed. The majority of land in this area is assumed to be urban and chaparral, narrowleaf. With the majority of the land being undeveloped the soil conditions assumed in the model were poor soil in order to take the most conservative approach. This raises the curve number of the model because the soil conditions do not have as much plant growth on them. Curve numbers were applied to each grid cell in the FLO-2D model based on intersecting the grid with the fallow soil and land cover data (Exhibit 5). The majority of the project area has a curve number between 70 and 90. Areas with a higher curve number will have more runoff and areas with a lower curve number will have less runoff. This is based on the type of soils, "A" soils have the highest infiltration rates and "D" soils have the lowest infiltration rates, along with the landcover of the area, dense vegetation will have less runoff and fallow farm fields and impervious areas will have more runoff.

The FLO-2D model was calibrated to CivilD by increasing the Manning's and curve number values of the FLO-2D model. The curve numbers values were applied to each grid cell in the FLO-2D model based on intersecting the grid with the soils. The peak flow model results from FLO-2D matched closely (<3%) the Kern County results providing assurances that the FLO-2D software was performing adequately (Table 3).

There was no available input or output model data to review. Therefore, the model results cannot be verified. The methodology is appropriate for a hydrology study. Some of the assumptions need to be revised. For design purposes, a review of the model will be required.

Table 3: Comparison of modeling methods at calibration point

	CivilD (Kern County)	FLO-2D
Volume (ac-ft)	133.80	132.76
Peak Flow (cfs)	467.21	480.01

ON-SITE RETENTION REQUIREMENTS

The proposed solar project development will require retention to mitigate the runoff from the new impervious surfaces, primarily piles. Due to the spacing of the piles and parcels, it is not feasible to direct runoff from all array locations to a common basin. Therefore the proposed basin will not retain runoff from the entire site, but will be located in a common discharge point for as many piles as possible and will include the required capacity to offset the increased runoff from all of the piles. Runoff generated from the piles and access roads will be allowed to disperse and infiltrate across the site in existing flow patterns.

The site layout and facilities have not yet been finalized but future basins will be placed throughout the project to meet the retention volume required when design is finalized. Table 4 below summarizes the proposed impervious areas and retention volumes provided as of 08/28/2019 based on Kern County retention requirements (Appendix E). The added piles to the site were assumed be 1% impervious cover of the site, however the onsite requirements and imperviousness will be updated during final design to

ensure that it meets all the storage requirements. Additionally, pre-post State Water Balance Calculation sheets have been provided in Appendix F. The State Water Balance Calculator shows no need for permanent drainage facilities since the pre-project runoff volume is greater than or equal to the post-project runoff volume.

Table 4: Proposed Impervious Areas and Kern County Retention Calculations

Site	10-yr, 5-day Rainfall Depth (in)	Impervious Cover (%)*	Drainage Area (ac)**	Retention Volume Required (ac-ft)	Retention Volume Provided (ac-ft)
Solar Project Development	3.20	1.00	6,500	17.33	TBD during Final Design
Total			6,500	17.33	TBD

*The impervious cover calculations are the added impervious piles at the panel locations.
**The drainage area is the area that is within the total temporary disturbance of the project.

The design volume for the retention basins is calculated Engineering Bulletin 11-02 of the Kern County Development Standards (KCDS). The runoff volume form the ISDD five-day storm is calculated as:

Retention Basin Volume (ac-ft) = $[(\mathbf{D}_{10yr\text{-}5day})/12](\mathbf{a\ i})(\mathbf{Area}) = 17.33$ ac-ft

This seems too low. Without a proposed site plan, this value cannot be verified. Most solar sites contain buildings, footings, and possibly roadways which will increase the impervious cover.

Where,
$\mathbf{D}_{10}$ =10-yr, 5-day depth of rainfall (in) = 3.20 inches
a i=average percentage of impervious area = 1%
Area= Drainage area of total development = 6,500 acres

Quantify how much of the proposed area is located within these result parameters that you are recommending not be developed

RESULTS AND DESIGN INFORMATION

Overall, the analysis shows low water depths and velocities (Exhibits 6 and 7) across the majority of the site (with the exception of the channelized flows throughout the center of project boundary). Due to the moderately sloped landscape in the area many channelized areas have depths over 1' and velocities >1fps. These areas of the site should be avoided. During a 100 year storm the flood depths across the majority of the project area are less than 0.5 feet with velocities less than 1 foot/second. Also due to the moderate slopes adjacent to the streams there are areas with erosion and velocity issues which should also be avoided. FEMA has completed a study to determine flood hazard for the selected location; therefore, a flood map has been published. There are FEMA flood hazards that affect the project area. The flood hazards should be avoided during final site placement.

The Kern County requirements had to be met for the modeling criteria. The State of CA requires the state water balance calculator to be completed. The Kern County requirements are controlling.

Based on experience on other similar projects, the overall site is suitable for the planned development by avoiding areas of high flood depths and velocities.

Quantify how much of the proposed area is located within FEMA floodplain zones so it is clear how much of the project area you are recommending not be developed due to the flood hazard area.

This is a broad statement that does not support the fact that there are areas within the project delineation that you have recommended are not suitable for development

NEXT STEPS

1. Final design should account for flood depths, velocities, and scour presented in Exhibits 6, 7 and 8 to protect infrastructure and meet Kern County Development Standards for construction in floodplains.

2. Crossing types (low water crossing or culvert) should be determined for each crossing location as determined based on field conditions.

3. The retention basin(s) should be located on the downstream sides of the properties and be no more than 18" deep to ensure that the basin infiltrates in 72 hours. If the basin is deeper than 18", freeboard and fencing requirements will be triggered. (408-3, 408-4 KCDS) Chapter VIII of the KCDS should be reviewed prior to final design to ensure that all construction criteria are being met.

4. The proposed project is not expected to cause more than 1 foot of water surface rise and discharges the 100-year storm in a manner similar to the existing flow pattern. (404-1 KCDS).

5. Scour calculations are shown on Exhibit 8 and are applicable for a W6x9 pile. If pile size is different from the assumed, scour should be recalculated.

6. A construction SWPPP, associated documentation and permitting is required.

The highlighted statement is not supported in this analysis.
A proposed analysis will need to be modeled to verify this statement

Note: This report is more indicative of a preliminary engineering/due diligence level drainage report. For EIR level of review, this report needs to address the drainage comments, groundwater, construction SWPPP, and quantification of how the existing FEMA mapping affects the project (as previously commented on in the Results section of the report)

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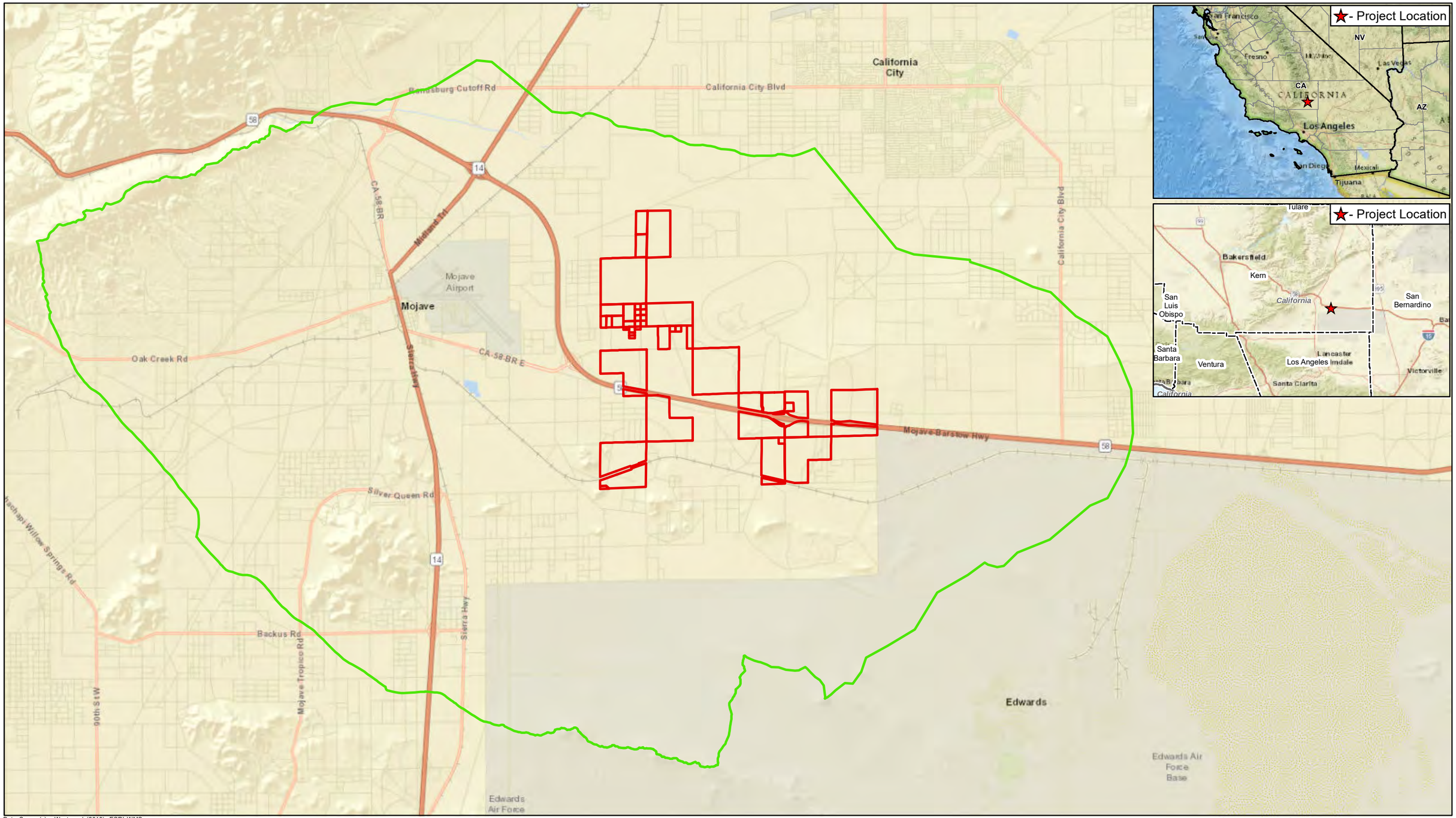
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Kern County Development Standards (August 1995) Downloaded 6/3/2014 from http://esps.kerndsa.com/engineering/development-standards

Exhibits

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary

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Bellefield Solar Project

Kern County, California

N

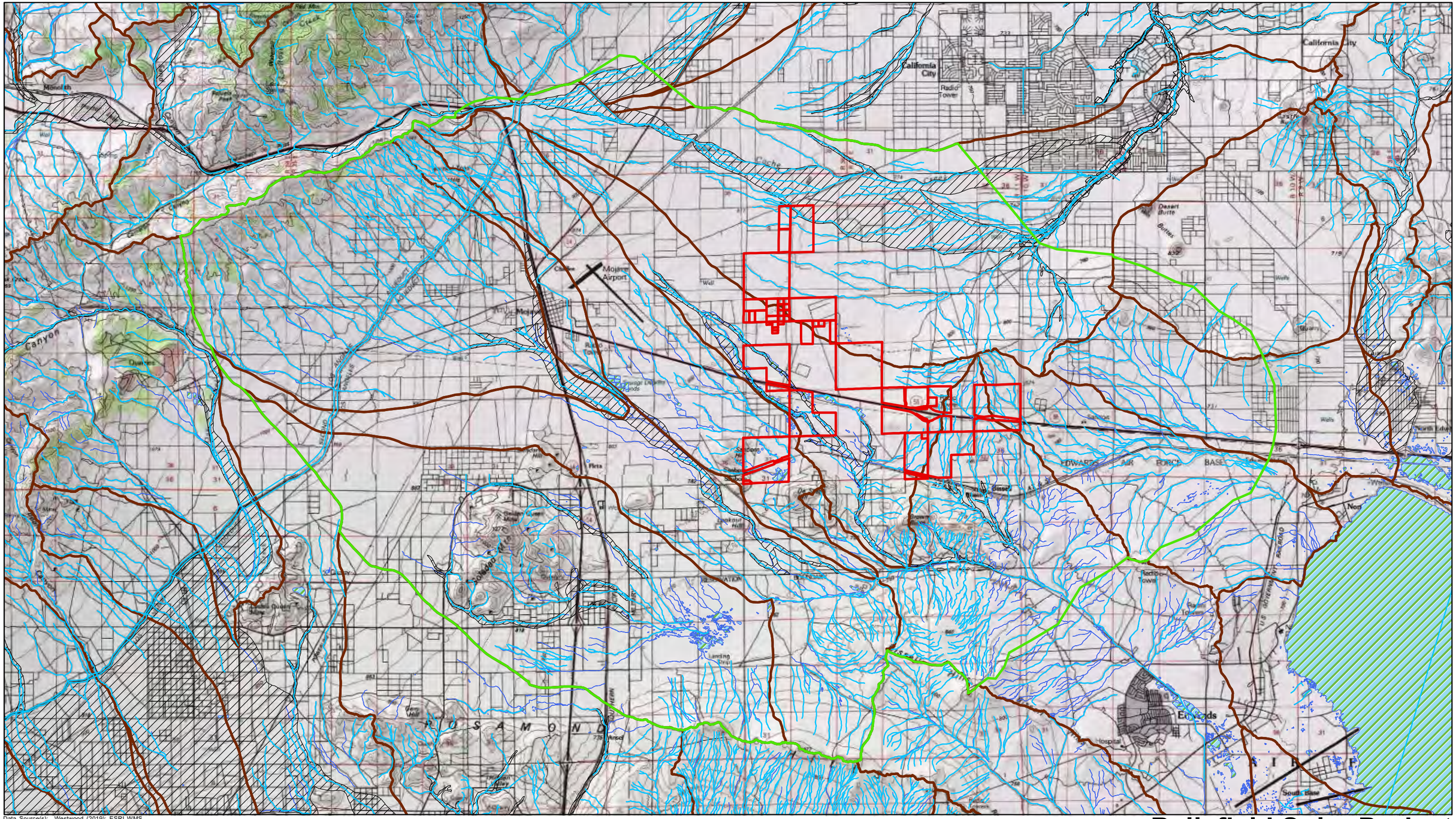
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Exhibit 1: Location Map

August 27, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX1LocationMap.mxd 8/27/2019 3:32:07 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NWI Wetlands
- HUC 12 Boundary
- NHD Flowline

Difficult to see FEMA Zone designations. Consider turning off the flow line layer as this significantly crowds the exhibit and detracts from the pertinent info

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N

0 2 Miles

Bellefield Solar Project

Kern County, California

Exhibit 2: Base Map

August 27, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX2BaseMap.mxd 8/27/2019 3:40:19 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- NHD Flowline

Hydrologic Soils Group

- A
- B
- C
- D
- W

N

0 Miles 2

Bellefield Solar Project

Kern County, California

Exhibit 3: Soils Map

August 27, 2019

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Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX3SoilsMap.mxd 8/27/2019 3:36:20 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- NHD Flowline

Landcover

- Barren
- Chaparral, Narrowleaf
- Urban
- Water

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N

0 2 Miles

Bellefield Solar Project

Kern County, California

Exhibit 4: Landcover Map

August 27, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX4LandcoveMap.mxd 8/27/2019 3:39:21 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- 10-Meter Elevation Data Extents
- Intermap Elevation Data Extents
- HUC 12 Boundary
- NHD Flowline

Curve Number

- 70 - 79
- 80 - 89
- 90 - 99

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N

0 Miles 2

Bellefield Solar Project

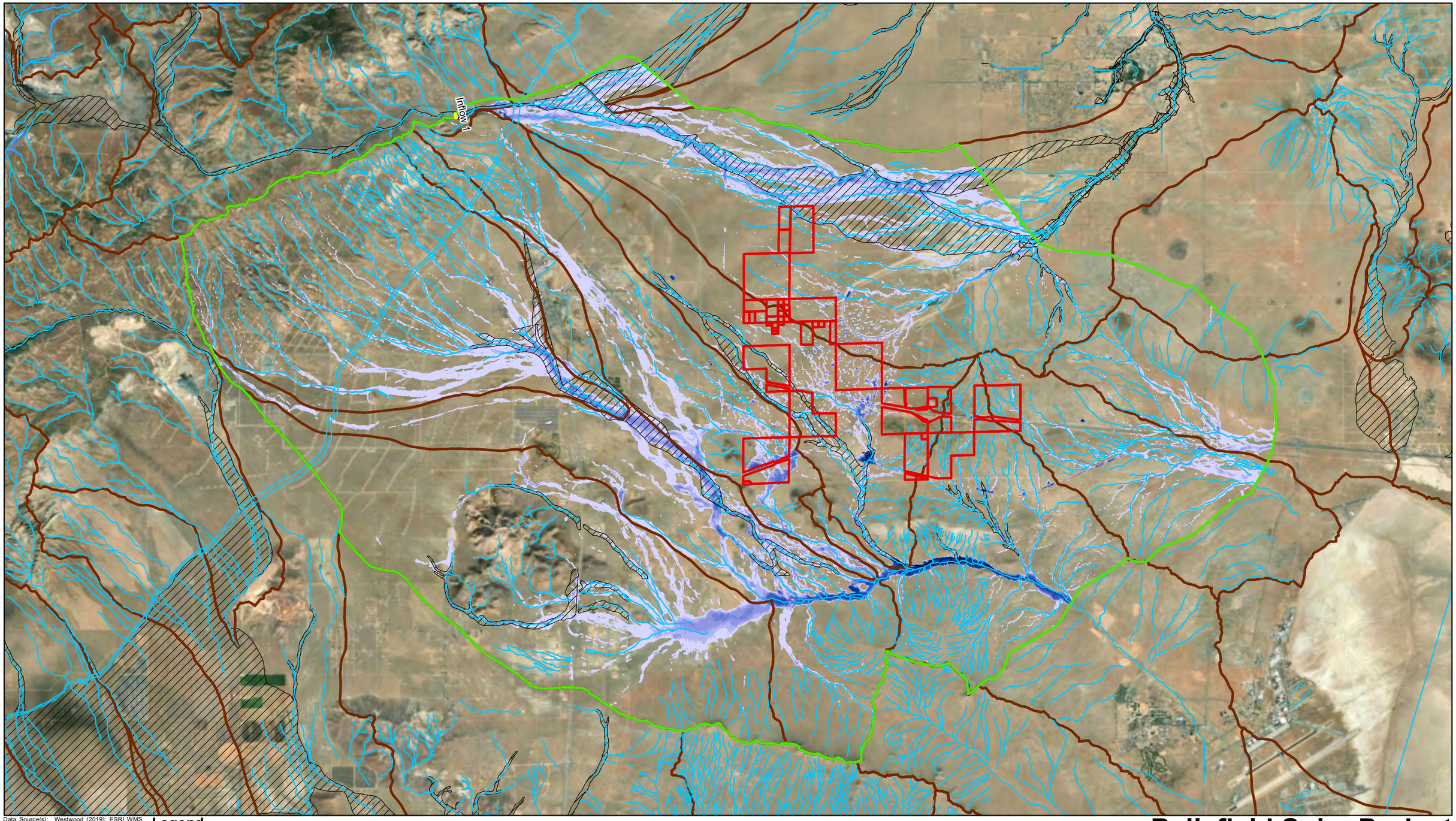
Kern County, California

Exhibit 5: Curve Number and Topographic Source Map

August 27, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX5CN&ExtentsMap.mxd 8/27/2019 3:45:13 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NHD Flowline
- Inflow Location

Peak Flow Depth (ft)

0.50 - 1.00 | 1.01 - 1.50 | 1.51 - 2.00 | 2.01 - 2.50 | 2.51 - 3.00 | 3.01 - 4.00 | 4.01 - 5.00 | 5.01 - 6.00 | 6.01+

Inflow location is hard to read.
Make text bold and highlighted.

N

0 Miles 2

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Kern County, California

Exhibit 6: 100-Year Max Water Depth Map

August 29, 2019

Map Document: N:\00239449.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX6_100yrMaxFlowDepthMap.mxd 8/29/2019 9:27:11 AM mshiktreih

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NHD Flowline

Peak Flow Depth (ft)

0.50 - 1.00 | 1.01 - 1.50 | 1.51 - 2.00 | 2.01 - 2.50 | 2.51 - 3.00 | 3.01 - 4.00 | 4.01 - 5.00 | 5.01 - 6.00 | 6.01+

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N

0 Miles 0.75

Bellefield Solar Project

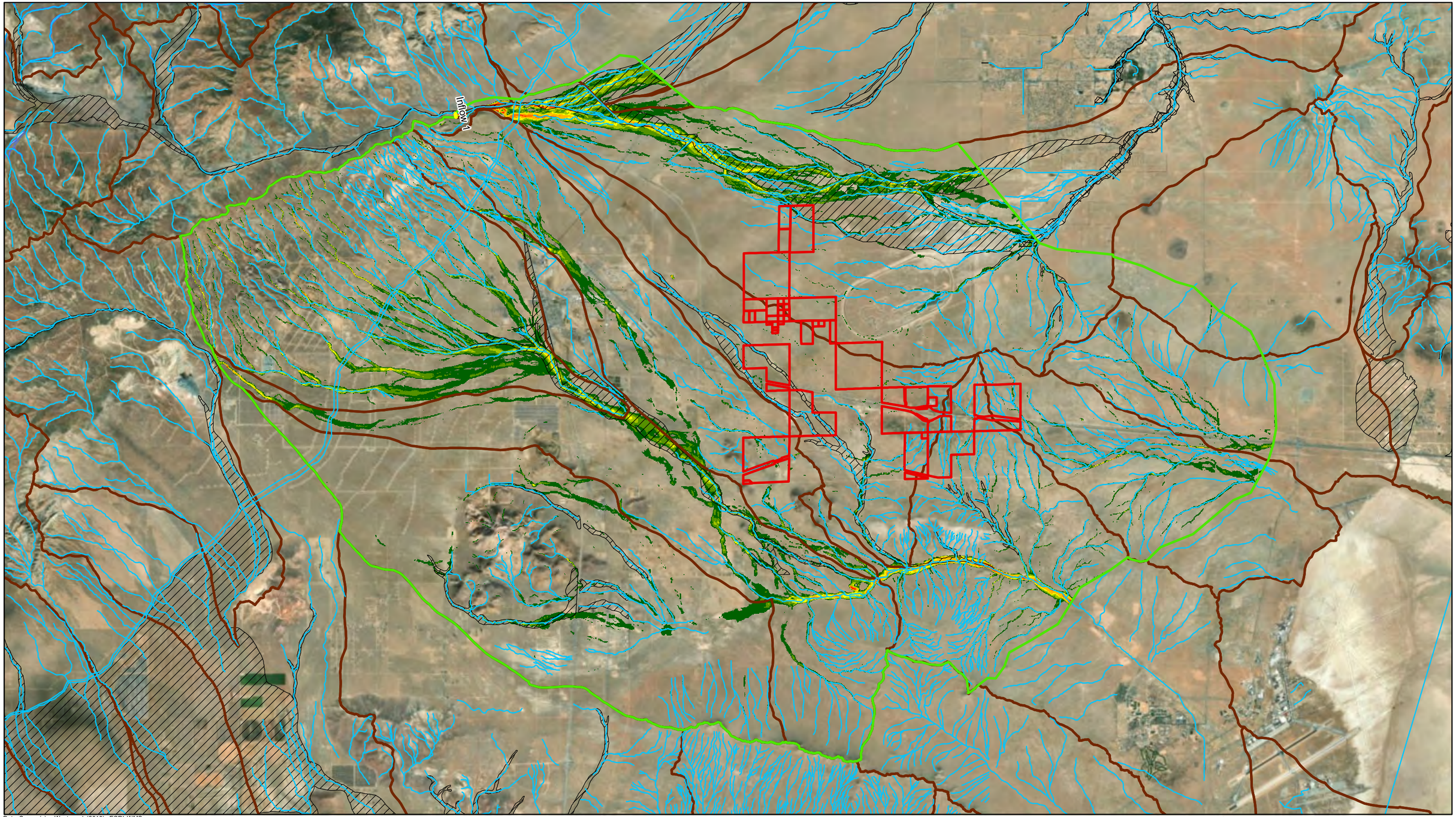
Kern County, California

Exhibit 6A: 100-Year Max Water Depth Map Project Area

August 29, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX6A_100yrMaxFlowDepthMap.mxd 8/29/2019 9:26:44 AM mshildreth

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Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NHD Flowline
- Inflow Location

Peak Velocity (fps)

1.00 - 1.50 | 1.51 - 2.00 | 2.01 - 2.50 | 2.51 - 3.00 | 3.01 - 4.00 | 4.01 - 5.00 | 5.01+

Inflow location is hard to read.
Make text bold and highlighted.

N

0 Miles 2

Bellefield Solar Project

Kern County, California

Exhibit 7: 100-Year Peak Velocity Map

August 29, 2019

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Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX7_100yrPeakVelocityMap.mxd 8/29/2019 8:43:33 AM mshildreth

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Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NHD Flowline

Peak Velocity (fps)

1.00 - 1.50 | 1.51 - 2.00 | 2.01 - 2.50 | 2.51 - 3.00 | 3.01 - 4.00 | 4.01 - 5.00 | 5.01+

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N

0 Miles 0.75

Bellefield Solar Project

Kern County, California

Exhibit 7A: 100-Year Peak Velocity Map Project Area

August 29, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX7A_100yrPeakVelocityMap.mxd 8/29/2019 8:42:49 AM mshildreth

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Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- FEMA Zone A
- FEMA Zone AE
- CA DWR Awareness Floodplain
- NHD Flowline

Scour (ft)

- 0.50 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01+

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N

0 Miles 0.75

Bellefield Solar Project

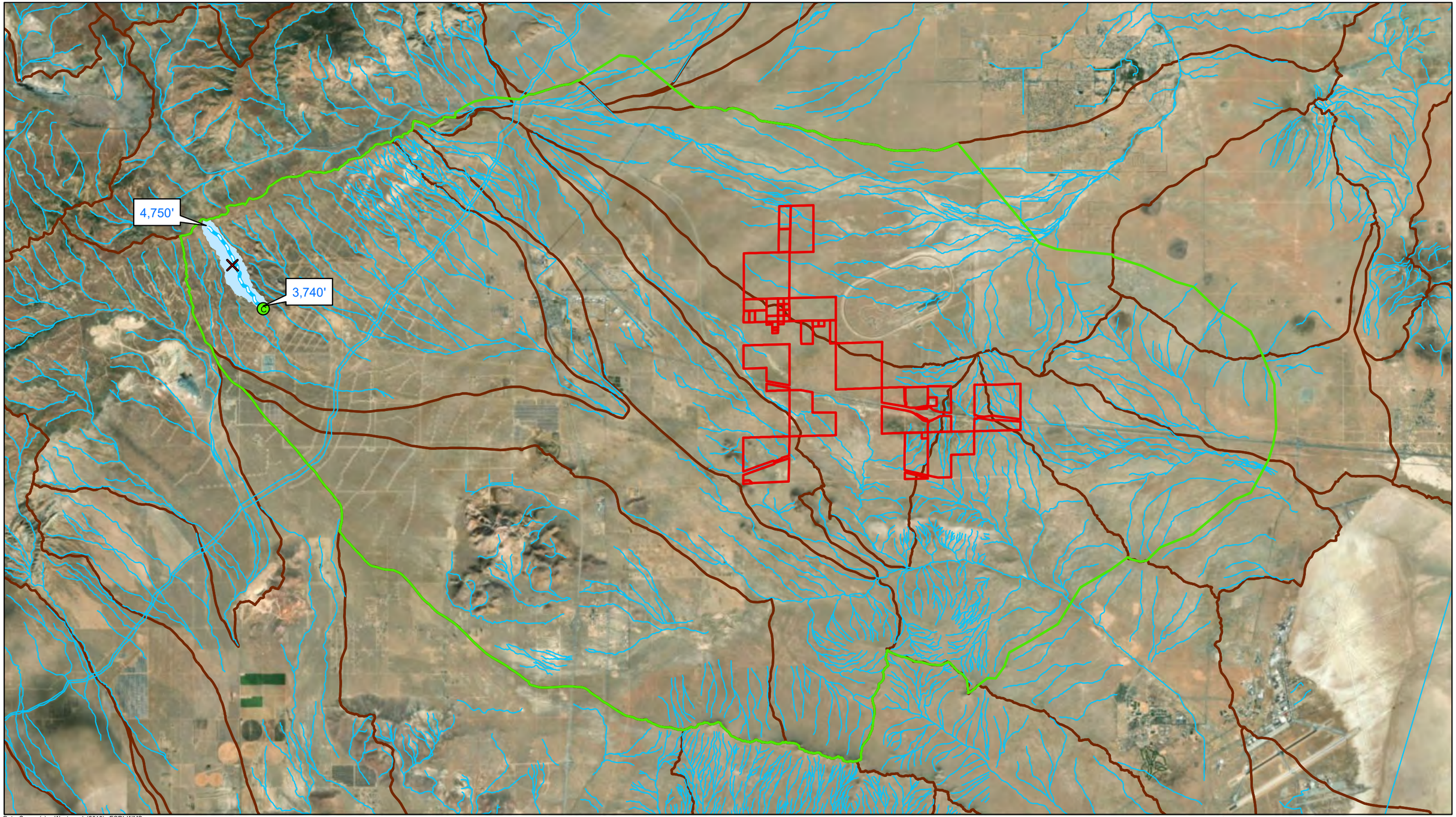
Kern County, California

Exhibit 8: 100-Year Max Scour Depth Map Project Area

August 29, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX8_100yrScourMap.mxd 8/29/2019 3:03:37 PM mshildreth

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Data Source(s): Westwood (2019); ESRI WMS World Streets Basemap Imagery (Accessed 2019.

Legend

- FLO-2D Model Boundary
- Project Boundary
- County Boundary
- HUC 12 Boundary
- NHD Flowline
- Calibration Point
- Calibration Watershed Centroid
- Longest Watercourse
- Kern County Hydrology Calibration Watershed

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N

0 2 Miles

Bellefield Solar Project

Kern County, California

Exhibit 9: Kern County Hydrology Map

August 27, 2019

Map Document: N:\0023949.00\GIS\Hydro Exhibits\2019-08-27_Bellefield_EX9\KernCountyMap.mxd 8/27/2019 4:02:16 PM mshildreth

Appendix A

CivilD Printouts (Kern County Hydrology Manual)

```
1
2       U n i t   H y d r o g r a p h   A n a l y s i s
3
4       Copyright (c) CIVILCADD/CIVILDESIGN, 2004, Version 7.0
5
6         Study date  08/15/19
7
8
9
    ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
    +
10
    ----------------------------------------------------------------------
    -
11
12    Kern County Synthetic Unit Hydrograph Hydrology Method
13        Manual date - 1992
14
15
16    Program License Serial Number 6236
17
18    ----------------------------------------------------------------------
19    Bellefield Solar Calibration
20
21
22
23    ----------------------------------------------------------------------
24
25      Storm Event Year = 100
26
27     English (in-lb) Input Units Used
28
29     English Rainfall Data (Inches) Input Values Used
30
31     English Units used in output format
32
33
34
35    RAINFALL DATA INPUT:
36    Slope of Intensity-Duration Curve Slope = 0.600
37
38    Zone Designation: Desert Region Latitude =  35.07
39
40    Area averaged rainfall intensity isohyetal data:
41      Sub-Area        Duration        Isohyetal
42      (Ac.)            (hours)         (In)
43    Rainfall data for year 2
44         528.00             6          0.94
45    ----------------------------------------------------------------------
46    Rainfall data for year 2
47         528.00            24          1.66
48    ----------------------------------------------------------------------
49    Rainfall data for year 100
50         528.00             6          2.46
```

In general, it is not advised to use an average rainfall value over the watershed. Runoff generation is affected by slope, time of concentration, and lag parameters. Using average rainfall values will not produce accurate volume and peak flow output data. However, for this planning level assessment, using an average rainfall value is acceptable. For final design, a distributed rainfall should be used with desert and mountainous rainfall values specified

```
51  ----------------------------------------------------------------------
52  Rainfall data for year 100
53       528.00          24          4.73
54  ----------------------------------------------------------------------
55  ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
56  DESERT REGION area of study
57  Log-Log Rainfall Intensity Slope =  0.60
58  ----------------------------------------------------------------------
59
60  ******** Area-averaged max loss rate, Fm ********
61
62
63  SCS curve     Area       Area       Fp      Ap        Fm
64  Number         (Ac.)    Fraction   (In/Hr)  (dec.)   (In/Hr)
65   81.8        528.00      1.000     0.348    1.000    0.348
66
67  Area-averaged adjusted loss rate Fm (In/Hr) =  0.348
68
69  ********* Area-Averaged low loss rate fraction, Yb **********
70
71  Area       Area          SCS CN        S     Pervious
72   (Ac.)      Fract         (AMC2)             Yield Fr
73     528.00   1.000         81.8         2.22     0.596
74
75  Area-averaged catchment yield fraction, Y =  0.596
76  Area-averaged low loss fraction, Yb =  0.404
77  ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
78  Watercourse length =   12038.40(Ft.)
79  Length from concentration point to centroid =    5332.80(Ft.)
80  Elevation difference along watercourse =    1010.00(Ft.)
81  Mannings friction factor along watercourse =  0.100
82  Watershed area =     528.00(Ac.)
83  Catchment Lag time =   1.035 hours
84  Unit interval =   5.000 minutes
85  Unit interval percentage of lag time =  8.0494
86  Hydrograph baseflow =     0.00(CFS)
87  Average maximum watershed loss rate(Fm) =  0.348(In/Hr)
88  Average low loss rate fraction (Yb) = 0.404 (decimal)
89  DESERT S-Graph Selected
90  Computed peak 5-minute rainfall =  0.493(In)
91  Computed peak 30-minute rainfall =  1.009(In)
92  Specified peak 1-hour rainfall =  1.331(In)
93  Computed peak 3-hour rainfall =  1.940(In)
94  Specified peak 6-hour rainfall =  2.460(In)
95  Specified peak 24-hour rainfall =  4.730(In)
96
97
98  Rainfall depth area reduction factors:
99  Using a total area of     528.00(Ac.) (Ref: fig. E-4)
100
101 5-minute factor = 0.976     Adjusted rainfall =  0.481(In)
102 30-minute factor = 0.976    Adjusted rainfall =  0.985(In)
103 1-hour factor = 0.976       Adjusted rainfall =  1.300(In)
104 3-hour factor = 0.996       Adjusted rainfall =  1.933(In)
```

6-hour factor = 0.998 Adjusted rainfall = 2.456(In)
24-hour factor = 0.999 Adjusted rainfall = 4.725(In)

U n i t H y d r o g r a p h

++

Interval Number	'S' Graph Mean values	Unit Hydrograph ((CFS))
(K = 6385.50 (CFS))		
1	0.447	28.555
2	1.342	57.111
3	2.402	67.712
4	3.893	95.205
5	5.860	125.617
6	8.540	171.126
7	11.914	215.434
8	17.032	326.848
9	24.420	471.726
10	32.464	513.672
11	41.873	600.822
12	45.045	202.547
13	50.189	328.417
14	54.330	264.482
15	57.887	227.071
16	61.093	204.750
17	63.895	178.906
18	66.194	146.816
19	68.228	129.913
20	70.198	125.757
21	71.980	113.817
22	73.608	103.904
23	75.111	96.017
24	76.485	87.725
25	77.721	78.941
26	78.894	74.901
27	80.033	72.718
28	81.114	69.054
29	82.147	65.931
30	83.051	57.714
31	83.930	56.111
32	84.687	48.362
33	85.419	46.727
34	86.129	45.331
35	86.776	41.363
36	87.420	41.120
37	88.045	39.887
38	88.590	34.815
39	89.127	34.266
40	89.663	34.266
41	90.166	32.091
42	90.614	28.601
43	91.061	28.555

159	44	91.508	28.555
160	45	91.950	28.183
161	46	92.337	24.742
162	47	92.711	23.907
163	48	93.086	23.907
164	49	93.460	23.907
165	50	93.834	23.893
166	51	94.140	19.540
167	52	94.392	16.062
168	53	94.644	16.062
169	54	94.895	16.062
170	55	95.147	16.062
171	56	95.398	16.062
172	57	95.650	16.062
173	58	95.901	16.022
174	59	96.086	11.823
175	60	96.227	9.017
176	61	96.368	9.017
177	62	96.509	9.017
178	63	96.651	9.017
179	64	96.792	9.017
180	65	96.933	9.017
181	66	97.074	9.017
182	67	97.216	9.017
183	68	97.357	9.017
184	69	97.498	9.017
185	70	97.639	9.017
186	71	97.780	9.017
187	72	97.922	9.017
188	73	98.036	7.286
189	74	98.116	5.146
190	75	98.197	5.140
191	76	98.277	5.140
192	77	98.358	5.140
193	78	98.438	5.140
194	79	98.519	5.140
195	80	98.599	5.140
196	81	98.680	5.140
197	82	98.760	5.140
198	83	98.841	5.140
199	84	98.921	5.140
200	85	99.002	5.140
201	86	99.082	5.140
202	87	99.163	5.140
203	88	99.243	5.140
204	89	99.324	5.140
205	90	99.404	5.140
206	91	99.485	5.140
207	92	99.565	5.140
208	93	99.646	5.140
209	94	99.726	5.140
210	95	99.807	5.140
211	96	100.000	12.344

212 ----------

Rainfall values calculated at 5 minute intervals:

Peak Rainfall Unit Number	Intensity	Depth	Adjusted	Unit Rainfall (In)
1	5.91	0.49	0.48	0.481
2	3.90	0.65	0.63	0.154
3	3.06	0.76	0.75	0.112
4	2.57	0.86	0.84	0.091
5	2.25	0.94	0.92	0.078
6	2.02	1.01	0.99	0.069
7	1.84	1.07	1.05	0.063
8	1.70	1.13	1.11	0.057
9	1.58	1.19	1.16	0.053
10	1.49	1.24	1.21	0.050
11	1.40	1.29	1.26	0.047
12	1.33	1.33	1.30	0.044
13	1.26	1.37	1.34	0.038
14	1.20	1.40	1.37	0.036
15	1.15	1.44	1.41	0.035
16	1.10	1.47	1.44	0.033
17	1.06	1.50	1.47	0.032
18	1.02	1.53	1.51	0.031
19	0.98	1.56	1.53	0.030
20	0.95	1.59	1.56	0.029
21	0.92	1.61	1.59	0.028
22	0.89	1.64	1.62	0.027
23	0.87	1.66	1.64	0.026
24	0.84	1.69	1.67	0.025
25	0.82	1.71	1.69	0.025
26	0.80	1.74	1.72	0.024
27	0.78	1.76	1.74	0.024
28	0.76	1.78	1.77	0.023
29	0.75	1.80	1.79	0.023
30	0.73	1.82	1.81	0.022
31	0.71	1.84	1.83	0.022
32	0.70	1.86	1.85	0.021
33	0.68	1.88	1.87	0.021
34	0.67	1.90	1.89	0.020
35	0.66	1.92	1.91	0.020
36	0.65	1.94	1.93	0.020
37	0.64	1.96	1.95	0.018
38	0.62	1.98	1.97	0.018
39	0.61	1.99	1.99	0.018
40	0.60	2.01	2.00	0.017
41	0.59	2.03	2.02	0.017
42	0.58	2.05	2.04	0.017
43	0.58	2.06	2.06	0.017
44	0.57	2.08	2.07	0.016
45	0.56	2.09	2.09	0.016
46	0.55	2.11	2.10	0.016
47	0.54	2.13	2.12	0.016
48	0.54	2.14	2.13	0.015
49	0.53	2.16	2.15	0.015
50	0.52	2.17	2.17	0.015
51	0.51	2.19	2.18	0.015

267	52	0.51	2.20	2.19	0.015
268	53	0.50	2.21	2.21	0.014
269	54	0.50	2.23	2.22	0.014
270	55	0.49	2.24	2.24	0.014
271	56	0.48	2.26	2.25	0.014
272	57	0.48	2.27	2.27	0.014
273	58	0.47	2.28	2.28	0.014
274	59	0.47	2.30	2.29	0.013
275	60	0.46	2.31	2.31	0.013
276	61	0.46	2.32	2.32	0.013
277	62	0.45	2.34	2.33	0.013
278	63	0.45	2.35	2.35	0.013
279	64	0.44	2.36	2.36	0.013
280	65	0.44	2.38	2.37	0.013
281	66	0.43	2.39	2.38	0.013
282	67	0.43	2.40	2.40	0.012
283	68	0.43	2.41	2.41	0.012
284	69	0.42	2.42	2.42	0.012
285	70	0.42	2.44	2.43	0.012
286	71	0.41	2.45	2.44	0.012
287	72	0.41	2.46	2.46	0.012
288	73	0.41	2.47	2.47	0.016
289	74	0.40	2.49	2.49	0.016
290	75	0.40	2.51	2.50	0.016
291	76	0.40	2.52	2.52	0.016
292	77	0.40	2.54	2.53	0.016
293	78	0.39	2.55	2.55	0.015
294	79	0.39	2.57	2.57	0.015
295	80	0.39	2.58	2.58	0.015
296	81	0.38	2.60	2.60	0.015
297	82	0.38	2.61	2.61	0.015
298	83	0.38	2.63	2.63	0.015
299	84	0.38	2.64	2.64	0.015
300	85	0.38	2.66	2.66	0.015
301	86	0.37	2.67	2.67	0.015
302	87	0.37	2.69	2.69	0.015
303	88	0.37	2.70	2.70	0.015
304	89	0.37	2.72	2.71	0.014
305	90	0.36	2.73	2.73	0.014
306	91	0.36	2.74	2.74	0.014
307	92	0.36	2.76	2.76	0.014
308	93	0.36	2.77	2.77	0.014
309	94	0.36	2.79	2.79	0.014
310	95	0.35	2.80	2.80	0.014
311	96	0.35	2.81	2.81	0.014
312	97	0.35	2.83	2.83	0.014
313	98	0.35	2.84	2.84	0.014
314	99	0.35	2.86	2.85	0.014
315	100	0.34	2.87	2.87	0.014
316	101	0.34	2.88	2.88	0.014
317	102	0.34	2.90	2.89	0.013
318	103	0.34	2.91	2.91	0.013
319	104	0.34	2.92	2.92	0.013
320	105	0.34	2.94	2.93	0.013

321	106	0.33	2.95	2.95	0.013
322	107	0.33	2.96	2.96	0.013
323	108	0.33	2.98	2.97	0.013
324	109	0.33	2.99	2.99	0.013
325	110	0.33	3.00	3.00	0.013
326	111	0.33	3.01	3.01	0.013
327	112	0.32	3.03	3.03	0.013
328	113	0.32	3.04	3.04	0.013
329	114	0.32	3.05	3.05	0.013
330	115	0.32	3.07	3.06	0.013
331	116	0.32	3.08	3.08	0.013
332	117	0.32	3.09	3.09	0.012
333	118	0.32	3.10	3.10	0.012
334	119	0.31	3.11	3.11	0.012
335	120	0.31	3.13	3.13	0.012
336	121	0.31	3.14	3.14	0.012
337	122	0.31	3.15	3.15	0.012
338	123	0.31	3.16	3.16	0.012
339	124	0.31	3.18	3.17	0.012
340	125	0.31	3.19	3.19	0.012
341	126	0.30	3.20	3.20	0.012
342	127	0.30	3.21	3.21	0.012
343	128	0.30	3.22	3.22	0.012
344	129	0.30	3.24	3.23	0.012
345	130	0.30	3.25	3.25	0.012
346	131	0.30	3.26	3.26	0.012
347	132	0.30	3.27	3.27	0.012
348	133	0.30	3.28	3.28	0.012
349	134	0.30	3.29	3.29	0.012
350	135	0.29	3.31	3.30	0.012
351	136	0.29	3.32	3.32	0.012
352	137	0.29	3.33	3.33	0.011
353	138	0.29	3.34	3.34	0.011
354	139	0.29	3.35	3.35	0.011
355	140	0.29	3.36	3.36	0.011
356	141	0.29	3.37	3.37	0.011
357	142	0.29	3.39	3.38	0.011
358	143	0.29	3.40	3.40	0.011
359	144	0.28	3.41	3.41	0.011
360	145	0.28	3.42	3.42	0.011
361	146	0.28	3.43	3.43	0.011
362	147	0.28	3.44	3.44	0.011
363	148	0.28	3.45	3.45	0.011
364	149	0.28	3.46	3.46	0.011
365	150	0.28	3.47	3.47	0.011
366	151	0.28	3.49	3.48	0.011
367	152	0.28	3.50	3.49	0.011
368	153	0.28	3.51	3.51	0.011
369	154	0.27	3.52	3.52	0.011
370	155	0.27	3.53	3.53	0.011
371	156	0.27	3.54	3.54	0.011
372	157	0.27	3.55	3.55	0.011
373	158	0.27	3.56	3.56	0.011
374	159	0.27	3.57	3.57	0.011

375	160	0.27	3.58	3.58	0.011
376	161	0.27	3.59	3.59	0.011
377	162	0.27	3.60	3.60	0.011
378	163	0.27	3.61	3.61	0.010
379	164	0.27	3.62	3.62	0.010
380	165	0.26	3.63	3.63	0.010
381	166	0.26	3.64	3.64	0.010
382	167	0.26	3.65	3.65	0.010
383	168	0.26	3.66	3.66	0.010
384	169	0.26	3.68	3.67	0.010
385	170	0.26	3.69	3.68	0.010
386	171	0.26	3.70	3.69	0.010
387	172	0.26	3.71	3.70	0.010
388	173	0.26	3.72	3.71	0.010
389	174	0.26	3.73	3.72	0.010
390	175	0.26	3.74	3.73	0.010
391	176	0.26	3.75	3.74	0.010
392	177	0.25	3.76	3.75	0.010
393	178	0.25	3.77	3.76	0.010
394	179	0.25	3.78	3.77	0.010
395	180	0.25	3.79	3.78	0.010
396	181	0.25	3.80	3.79	0.010
397	182	0.25	3.81	3.80	0.010
398	183	0.25	3.82	3.81	0.010
399	184	0.25	3.83	3.82	0.010
400	185	0.25	3.84	3.83	0.010
401	186	0.25	3.85	3.84	0.010
402	187	0.25	3.85	3.85	0.010
403	188	0.25	3.86	3.86	0.010
404	189	0.25	3.87	3.87	0.010
405	190	0.25	3.88	3.88	0.010
406	191	0.24	3.89	3.89	0.010
407	192	0.24	3.90	3.90	0.010
408	193	0.24	3.91	3.91	0.010
409	194	0.24	3.92	3.92	0.010
410	195	0.24	3.93	3.93	0.010
411	196	0.24	3.94	3.94	0.010
412	197	0.24	3.95	3.95	0.009
413	198	0.24	3.96	3.96	0.009
414	199	0.24	3.97	3.97	0.009
415	200	0.24	3.98	3.98	0.009
416	201	0.24	3.99	3.99	0.009
417	202	0.24	4.00	4.00	0.009
418	203	0.24	4.01	4.01	0.009
419	204	0.24	4.02	4.02	0.009
420	205	0.24	4.03	4.02	0.009
421	206	0.24	4.03	4.03	0.009
422	207	0.23	4.04	4.04	0.009
423	208	0.23	4.05	4.05	0.009
424	209	0.23	4.06	4.06	0.009
425	210	0.23	4.07	4.07	0.009
426	211	0.23	4.08	4.08	0.009
427	212	0.23	4.09	4.09	0.009
428	213	0.23	4.10	4.10	0.009

429	214	0.23	4.11	4.11	0.009
430	215	0.23	4.12	4.12	0.009
431	216	0.23	4.13	4.12	0.009
432	217	0.23	4.14	4.13	0.009
433	218	0.23	4.14	4.14	0.009
434	219	0.23	4.15	4.15	0.009
435	220	0.23	4.16	4.16	0.009
436	221	0.23	4.17	4.17	0.009
437	222	0.23	4.18	4.18	0.009
438	223	0.23	4.19	4.19	0.009
439	224	0.22	4.20	4.20	0.009
440	225	0.22	4.21	4.21	0.009
441	226	0.22	4.22	4.21	0.009
442	227	0.22	4.22	4.22	0.009
443	228	0.22	4.23	4.23	0.009
444	229	0.22	4.24	4.24	0.009
445	230	0.22	4.25	4.25	0.009
446	231	0.22	4.26	4.26	0.009
447	232	0.22	4.27	4.27	0.009
448	233	0.22	4.28	4.28	0.009
449	234	0.22	4.28	4.28	0.009
450	235	0.22	4.29	4.29	0.009
451	236	0.22	4.30	4.30	0.009
452	237	0.22	4.31	4.31	0.009
453	238	0.22	4.32	4.32	0.009
454	239	0.22	4.33	4.33	0.009
455	240	0.22	4.34	4.34	0.009
456	241	0.22	4.34	4.34	0.009
457	242	0.22	4.35	4.35	0.008
458	243	0.22	4.36	4.36	0.008
459	244	0.21	4.37	4.37	0.008
460	245	0.21	4.38	4.38	0.008
461	246	0.21	4.39	4.39	0.008
462	247	0.21	4.40	4.39	0.008
463	248	0.21	4.40	4.40	0.008
464	249	0.21	4.41	4.41	0.008
465	250	0.21	4.42	4.42	0.008
466	251	0.21	4.43	4.43	0.008
467	252	0.21	4.44	4.44	0.008
468	253	0.21	4.45	4.44	0.008
469	254	0.21	4.45	4.45	0.008
470	255	0.21	4.46	4.46	0.008
471	256	0.21	4.47	4.47	0.008
472	257	0.21	4.48	4.48	0.008
473	258	0.21	4.49	4.49	0.008
474	259	0.21	4.49	4.49	0.008
475	260	0.21	4.50	4.50	0.008
476	261	0.21	4.51	4.51	0.008
477	262	0.21	4.52	4.52	0.008
478	263	0.21	4.53	4.53	0.008
479	264	0.21	4.54	4.53	0.008
480	265	0.21	4.54	4.54	0.008
481	266	0.21	4.55	4.55	0.008
482	267	0.20	4.56	4.56	0.008

268	0.20	4.57	4.57	0.008
269	0.20	4.58	4.58	0.008
270	0.20	4.58	4.58	0.008
271	0.20	4.59	4.59	0.008
272	0.20	4.60	4.60	0.008
273	0.20	4.61	4.61	0.008
274	0.20	4.62	4.62	0.008
275	0.20	4.62	4.62	0.008
276	0.20	4.63	4.63	0.008
277	0.20	4.64	4.64	0.008
278	0.20	4.65	4.65	0.008
279	0.20	4.66	4.65	0.008
280	0.20	4.66	4.66	0.008
281	0.20	4.67	4.67	0.008
282	0.20	4.68	4.68	0.008
283	0.20	4.69	4.69	0.008
284	0.20	4.69	4.69	0.008
285	0.20	4.70	4.70	0.008
286	0.20	4.71	4.71	0.008
287	0.20	4.72	4.72	0.008
288	0.20	4.73	4.72	0.008

Time = 24.00 Hours Total unit rainfall = 4.72(In)

Unit Period (number)	Unit Rainfall (In)	Unit Soil-Loss (In)	Effective Rainfall (In)
1	0.0078	0.0031	0.0046
2	0.0078	0.0031	0.0046
3	0.0078	0.0031	0.0046
4	0.0078	0.0032	0.0047
5	0.0078	0.0032	0.0047
6	0.0079	0.0032	0.0047
7	0.0079	0.0032	0.0047
8	0.0079	0.0032	0.0047
9	0.0079	0.0032	0.0047
10	0.0079	0.0032	0.0047
11	0.0080	0.0032	0.0048
12	0.0080	0.0032	0.0048
13	0.0080	0.0032	0.0048
14	0.0080	0.0032	0.0048
15	0.0081	0.0033	0.0048
16	0.0081	0.0033	0.0048
17	0.0081	0.0033	0.0048
18	0.0081	0.0033	0.0049
19	0.0082	0.0033	0.0049
20	0.0082	0.0033	0.0049
21	0.0082	0.0033	0.0049
22	0.0082	0.0033	0.0049
23	0.0083	0.0033	0.0049
24	0.0083	0.0033	0.0049
25	0.0083	0.0034	0.0050
26	0.0083	0.0034	0.0050
27	0.0084	0.0034	0.0050

537	28	0.0084	0.0034	0.0050
538	29	0.0084	0.0034	0.0050
539	30	0.0084	0.0034	0.0050
540	31	0.0085	0.0034	0.0051
541	32	0.0085	0.0034	0.0051
542	33	0.0085	0.0034	0.0051
543	34	0.0086	0.0035	0.0051
544	35	0.0086	0.0035	0.0051
545	36	0.0086	0.0035	0.0051
546	37	0.0087	0.0035	0.0052
547	38	0.0087	0.0035	0.0052
548	39	0.0087	0.0035	0.0052
549	40	0.0087	0.0035	0.0052
550	41	0.0088	0.0035	0.0052
551	42	0.0088	0.0035	0.0052
552	43	0.0088	0.0036	0.0053
553	44	0.0089	0.0036	0.0053
554	45	0.0089	0.0036	0.0053
555	46	0.0089	0.0036	0.0053
556	47	0.0090	0.0036	0.0053
557	48	0.0090	0.0036	0.0054
558	49	0.0090	0.0036	0.0054
559	50	0.0090	0.0037	0.0054
560	51	0.0091	0.0037	0.0054
561	52	0.0091	0.0037	0.0054
562	53	0.0092	0.0037	0.0055
563	54	0.0092	0.0037	0.0055
564	55	0.0092	0.0037	0.0055
565	56	0.0093	0.0037	0.0055
566	57	0.0093	0.0038	0.0055
567	58	0.0093	0.0038	0.0056
568	59	0.0094	0.0038	0.0056
569	60	0.0094	0.0038	0.0056
570	61	0.0095	0.0038	0.0056
571	62	0.0095	0.0038	0.0057
572	63	0.0095	0.0038	0.0057
573	64	0.0096	0.0039	0.0057
574	65	0.0096	0.0039	0.0057
575	66	0.0096	0.0039	0.0057
576	67	0.0097	0.0039	0.0058
577	68	0.0097	0.0039	0.0058
578	69	0.0098	0.0039	0.0058
579	70	0.0098	0.0040	0.0058
580	71	0.0099	0.0040	0.0059
581	72	0.0099	0.0040	0.0059
582	73	0.0099	0.0040	0.0059
583	74	0.0100	0.0040	0.0059
584	75	0.0100	0.0040	0.0060
585	76	0.0101	0.0041	0.0060
586	77	0.0101	0.0041	0.0060
587	78	0.0102	0.0041	0.0061
588	79	0.0102	0.0041	0.0061
589	80	0.0102	0.0041	0.0061
590	81	0.0103	0.0042	0.0061

591	82	0.0103	0.0042	0.0062
592	83	0.0104	0.0042	0.0062
593	84	0.0104	0.0042	0.0062
594	85	0.0105	0.0042	0.0063
595	86	0.0105	0.0043	0.0063
596	87	0.0106	0.0043	0.0063
597	88	0.0107	0.0043	0.0064
598	89	0.0107	0.0043	0.0064
599	90	0.0108	0.0043	0.0064
600	91	0.0108	0.0044	0.0065
601	92	0.0109	0.0044	0.0065
602	93	0.0109	0.0044	0.0065
603	94	0.0110	0.0044	0.0066
604	95	0.0111	0.0045	0.0066
605	96	0.0111	0.0045	0.0066
606	97	0.0112	0.0045	0.0067
607	98	0.0112	0.0045	0.0067
608	99	0.0113	0.0046	0.0067
609	100	0.0114	0.0046	0.0068
610	101	0.0114	0.0046	0.0068
611	102	0.0115	0.0046	0.0068
612	103	0.0116	0.0047	0.0069
613	104	0.0116	0.0047	0.0069
614	105	0.0117	0.0047	0.0070
615	106	0.0118	0.0047	0.0070
616	107	0.0119	0.0048	0.0071
617	108	0.0119	0.0048	0.0071
618	109	0.0120	0.0048	0.0072
619	110	0.0121	0.0049	0.0072
620	111	0.0122	0.0049	0.0073
621	112	0.0122	0.0049	0.0073
622	113	0.0123	0.0050	0.0073
623	114	0.0124	0.0050	0.0074
624	115	0.0125	0.0050	0.0074
625	116	0.0125	0.0051	0.0075
626	117	0.0127	0.0051	0.0076
627	118	0.0127	0.0051	0.0076
628	119	0.0128	0.0052	0.0077
629	120	0.0129	0.0052	0.0077
630	121	0.0130	0.0053	0.0078
631	122	0.0131	0.0053	0.0078
632	123	0.0132	0.0053	0.0079
633	124	0.0133	0.0054	0.0079
634	125	0.0134	0.0054	0.0080
635	126	0.0135	0.0055	0.0081
636	127	0.0136	0.0055	0.0081
637	128	0.0137	0.0055	0.0082
638	129	0.0139	0.0056	0.0083
639	130	0.0139	0.0056	0.0083
640	131	0.0141	0.0057	0.0084
641	132	0.0142	0.0057	0.0085
642	133	0.0144	0.0058	0.0086
643	134	0.0144	0.0058	0.0086
644	135	0.0146	0.0059	0.0087

645	136	0.0147	0.0059	0.0088
646	137	0.0149	0.0060	0.0089
647	138	0.0150	0.0060	0.0089
648	139	0.0152	0.0061	0.0091
649	140	0.0153	0.0062	0.0091
650	141	0.0155	0.0063	0.0092
651	142	0.0156	0.0063	0.0093
652	143	0.0158	0.0064	0.0094
653	144	0.0159	0.0064	0.0095
654	145	0.0118	0.0048	0.0071
655	146	0.0119	0.0048	0.0071
656	147	0.0122	0.0049	0.0073
657	148	0.0123	0.0050	0.0073
658	149	0.0125	0.0051	0.0075
659	150	0.0127	0.0051	0.0075
660	151	0.0129	0.0052	0.0077
661	152	0.0131	0.0053	0.0078
662	153	0.0133	0.0054	0.0080
663	154	0.0135	0.0054	0.0080
664	155	0.0138	0.0056	0.0082
665	156	0.0140	0.0056	0.0083
666	157	0.0143	0.0058	0.0085
667	158	0.0145	0.0058	0.0086
668	159	0.0149	0.0060	0.0089
669	160	0.0150	0.0061	0.0090
670	161	0.0155	0.0062	0.0092
671	162	0.0157	0.0063	0.0093
672	163	0.0161	0.0065	0.0096
673	164	0.0164	0.0066	0.0098
674	165	0.0169	0.0068	0.0101
675	166	0.0172	0.0069	0.0102
676	167	0.0177	0.0072	0.0106
677	168	0.0180	0.0073	0.0108
678	169	0.0196	0.0079	0.0117
679	170	0.0199	0.0080	0.0119
680	171	0.0207	0.0084	0.0123
681	172	0.0211	0.0085	0.0126
682	173	0.0220	0.0089	0.0131
683	174	0.0225	0.0091	0.0134
684	175	0.0236	0.0095	0.0141
685	176	0.0242	0.0098	0.0144
686	177	0.0255	0.0103	0.0152
687	178	0.0262	0.0106	0.0156
688	179	0.0278	0.0112	0.0166
689	180	0.0287	0.0116	0.0171
690	181	0.0307	0.0124	0.0183
691	182	0.0319	0.0129	0.0190
692	183	0.0347	0.0140	0.0207
693	184	0.0363	0.0147	0.0216
694	185	0.0445	0.0180	0.0265
695	186	0.0470	0.0190	0.0280
696	187	0.0533	0.0215	0.0318
697	188	0.0575	0.0232	0.0343
698	189	0.0693	0.0280	0.0413

699	190	0.0782	0.0290*	0.0492
700	191	0.1118	0.0290*	0.0828
701	192	0.1537	0.0290*	0.1248
702	193	0.4812	0.0290*	0.4522
703	194	0.0911	0.0290*	0.0621
704	195	0.0627	0.0253	0.0374
705	196	0.0499	0.0201	0.0297
706	197	0.0381	0.0154	0.0227
707	198	0.0332	0.0134	0.0198
708	199	0.0297	0.0120	0.0177
709	200	0.0270	0.0109	0.0161
710	201	0.0248	0.0100	0.0148
711	202	0.0230	0.0093	0.0137
712	203	0.0216	0.0087	0.0129
713	204	0.0203	0.0082	0.0121
714	205	0.0184	0.0074	0.0110
715	206	0.0174	0.0070	0.0104
716	207	0.0166	0.0067	0.0099
717	208	0.0159	0.0064	0.0095
718	209	0.0152	0.0062	0.0091
719	210	0.0147	0.0059	0.0087
720	211	0.0141	0.0057	0.0084
721	212	0.0136	0.0055	0.0081
722	213	0.0132	0.0053	0.0079
723	214	0.0128	0.0052	0.0076
724	215	0.0124	0.0050	0.0074
725	216	0.0120	0.0049	0.0072
726	217	0.0160	0.0065	0.0096
727	218	0.0157	0.0063	0.0094
728	219	0.0154	0.0062	0.0092
729	220	0.0151	0.0061	0.0090
730	221	0.0148	0.0060	0.0088
731	222	0.0145	0.0059	0.0087
732	223	0.0143	0.0058	0.0085
733	224	0.0140	0.0057	0.0084
734	225	0.0138	0.0056	0.0082
735	226	0.0136	0.0055	0.0081
736	227	0.0134	0.0054	0.0080
737	228	0.0132	0.0053	0.0078
738	229	0.0130	0.0052	0.0077
739	230	0.0128	0.0052	0.0076
740	231	0.0126	0.0051	0.0075
741	232	0.0124	0.0050	0.0074
742	233	0.0123	0.0050	0.0073
743	234	0.0121	0.0049	0.0072
744	235	0.0120	0.0048	0.0071
745	236	0.0118	0.0048	0.0070
746	237	0.0117	0.0047	0.0070
747	238	0.0115	0.0047	0.0069
748	239	0.0114	0.0046	0.0068
749	240	0.0113	0.0046	0.0067
750	241	0.0111	0.0045	0.0066
751	242	0.0110	0.0045	0.0066
752	243	0.0109	0.0044	0.0065

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    244              0.0108           0.0044           0.0064
    245              0.0107           0.0043           0.0064
    246              0.0106           0.0043           0.0063
    247              0.0105           0.0042           0.0062
    248              0.0104           0.0042           0.0062
    249              0.0103           0.0041           0.0061
    250              0.0102           0.0041           0.0061
    251              0.0101           0.0041           0.0060
    252              0.0100           0.0040           0.0060
    253              0.0099           0.0040           0.0059
    254              0.0098           0.0040           0.0059
    255              0.0097           0.0039           0.0058
    256              0.0097           0.0039           0.0058
    257              0.0096           0.0039           0.0057
    258              0.0095           0.0038           0.0057
    259              0.0094           0.0038           0.0056
    260              0.0094           0.0038           0.0056
    261              0.0093           0.0037           0.0055
    262              0.0092           0.0037           0.0055
    263              0.0091           0.0037           0.0054
    264              0.0091           0.0037           0.0054
    265              0.0090           0.0036           0.0054
    266              0.0089           0.0036           0.0053
    267              0.0089           0.0036           0.0053
    268              0.0088           0.0036           0.0053
    269              0.0088           0.0035           0.0052
    270              0.0087           0.0035           0.0052
    271              0.0086           0.0035           0.0051
    272              0.0086           0.0035           0.0051
    273              0.0085           0.0034           0.0051
    274              0.0085           0.0034           0.0050
    275              0.0084           0.0034           0.0050
    276              0.0084           0.0034           0.0050
    277              0.0083           0.0034           0.0050
    278              0.0083           0.0033           0.0049
    279              0.0082           0.0033           0.0049
    280              0.0082           0.0033           0.0049
    281              0.0081           0.0033           0.0048
    282              0.0081           0.0033           0.0048
    283              0.0080           0.0032           0.0048
    284              0.0080           0.0032           0.0047
    285              0.0079           0.0032           0.0047
    286              0.0079           0.0032           0.0047
    287              0.0078           0.0032           0.0047
    288              0.0078           0.0031           0.0046
    ------------------------------------------------------------------------
                     4.7250           1.6825           3.0425
    ------------------------------------------------------------------------
    ------------------------------------------------------------------------
    Total soil rain loss =      1.68(In)
    Total effective rainfall =      3.04(In)
    Peak flow rate in flood hydrograph =    467.21(CFS)
    ------------------------------------------------------------------------
    ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
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                        24 - H O U R    S T O R M
                     R u n o f f      H y d r o g r a p h
    ------------------------------------------------------------------------
                 Hydrograph in   5   Minute intervals ((CFS))

    ------------------------------------------------------------------------
     Time(h+m) Volume Ac.Ft   Q(CFS)  0      125.0     250.0     375.0     500.0

    ------------------------------------------------------------------------
        0+ 5       0.0009      0.13  Q         |         |         |         |
        0+10       0.0036      0.40  Q         |         |         |         |
        0+15       0.0085      0.71  Q         |         |         |         |
        0+20       0.0165      1.15  Q         |         |         |         |
        0+25       0.0284      1.74  Q         |         |         |         |
        0+30       0.0459      2.53  Q         |         |         |         |
        0+35       0.0702      3.53  Q         |         |         |         |
        0+40       0.1050      5.05  Q         |         |         |         |
        0+45       0.1549      7.25  Q         |         |         |         |
        0+50       0.2213      9.64  Q         |         |         |         |
        0+55       0.3070     12.45  Q         |         |         |         |
        1+ 0       0.3994     13.42  VQ        |         |         |         |
        1+ 5       0.5025     14.97  VQ        |         |         |         |
        1+10       0.6143     16.23  VQ        |         |         |         |
        1+15       0.7337     17.33  VQ        |         |         |         |
        1+20       0.8599     18.33  VQ        |         |         |         |
        1+25       0.9922     19.21  VQ        |         |         |         |
        1+30       1.1295     19.94  VQ        |         |         |         |
        1+35       1.2713     20.60  VQ        |         |         |         |
        1+40       1.4176     21.24  VQ        |         |         |         |
        1+45       1.5679     21.82  VQ        |         |         |         |
        1+50       1.7219     22.37  VQ        |         |         |         |
```

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837       1+55        1.8795     22.88  VQ          |           |
      |           |
838       2+ 0        2.0403     23.35  VQ          |           |
      |           |
839       2+ 5        2.2041     23.78  VQ          |           |
      |           |
840       2+10        2.3707     24.20  VQ          |           |
      |           |
841       2+15        2.5402     24.61  VQ          |           |
      |           |
842       2+20        2.7124     25.00  VQ          |           |
      |           |
843       2+25        2.8872     25.38  V Q         |           |
      |           |
844       2+30        3.0643     25.72  V Q         |           |
      |           |
845       2+35        3.2438     26.06  V Q         |           |
      |           |
846       2+40        3.4254     26.36  |VQ         |           |
      |           |
847       2+45        3.6090     26.66  |VQ         |           |
      |           |
848       2+50        3.7946     26.95  |VQ         |           |
      |           |
849       2+55        3.9821     27.23  |VQ         |           |
      |           |
850       3+ 0        4.1715     27.50  |VQ         |           |
      |           |
851       3+ 5        4.3627     27.77  |VQ         |           |
      |           |
852       3+10        4.5557     28.02  |VQ         |           |
      |           |
853       3+15        4.7504     28.27  |VQ         |           |
      |           |
854       3+20        4.9467     28.51  |VQ         |           |
      |           |
855       3+25        5.1448     28.75  |VQ         |           |
      |           |
856       3+30        5.3443     28.98  |VQ         |           |
      |           |
857       3+35        5.5454     29.20  |VQ         |           |
      |           |
858       3+40        5.7481     29.43  |VQ         |           |
      |           |
859       3+45        5.9524     29.66  |VQ         |           |
      |           |
860       3+50        6.1581     29.87  |VQ         |           |
      |           |
861       3+55        6.3652     30.08  |VQ         |           |
      |           |
862       4+ 0        6.5738     30.29  |VQ         |           |
      |           |
863       4+ 5        6.7838     30.50  | Q         |           |
      |           |
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864       4+10       6.9953     30.71  | Q       |          |
      |          |
865       4+15       7.2082     30.91  | Q       |          |
      |          |
866       4+20       7.4222     31.08  | Q       |          |
      |          |
867       4+25       7.6376     31.27  | Q       |          |
      |          |
868       4+30       7.8541     31.44  | Q       |          |
      |          |
869       4+35       8.0720     31.63  | Q       |          |
      |          |
870       4+40       8.2910     31.81  | Q       |          |
      |          |
871       4+45       8.5114     32.00  | Q       |          |
      |          |
872       4+50       8.7331     32.18  | Q       |          |
      |          |
873       4+55       8.9559     32.35  | Q       |          |
      |          |
874       5+ 0       9.1798     32.51  | Q       |          |
      |          |
875       5+ 5       9.4048     32.67  | Q       |          |
      |          |
876       5+10       9.6309     32.83  | Q       |          |
      |          |
877       5+15       9.8581     32.99  | Q       |          |
      |          |
878       5+20      10.0864     33.15  | QV      |          |
      |          |
879       5+25      10.3159     33.32  | QV      |          |
      |          |
880       5+30      10.5465     33.48  | QV      |          |
      |          |
881       5+35      10.7782     33.65  | QV      |          |
      |          |
882       5+40      11.0111     33.82  | QV      |          |
      |          |
883       5+45      11.2452     33.99  | QV      |          |
      |          |
884       5+50      11.4804     34.16  | QV      |          |
      |          |
885       5+55      11.7169     34.33  | QV      |          |
      |          |
886       6+ 0      11.9545     34.50  | QV      |          |
      |          |
887       6+ 5      12.1933     34.67  | QV      |          |
      |          |
888       6+10      12.4332     34.83  | QV      |          |
      |          |
889       6+15      12.6742     35.00  | QV      |          |
      |          |
890       6+20      12.9163     35.16  | QV      |          |
      |          |
```

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891       6+25       13.1596      35.32   | QV       |           |
      |          |
892       6+30       13.4040      35.49   | Q V      |           |
      |          |
893       6+35       13.6496      35.66   | Q V      |           |
      |          |
894       6+40       13.8964      35.83   | Q V      |           |
      |          |
895       6+45       14.1443      36.00   | Q V      |           |
      |          |
896       6+50       14.3934      36.17   | Q V      |           |
      |          |
897       6+55       14.6438      36.35   | Q V      |           |
      |          |
898       7+ 0       14.8953      36.53   | Q V      |           |
      |          |
899       7+ 5       15.1481      36.71   | Q V      |           |
      |          |
900       7+10       15.4022      36.89   | Q V      |           |
      |          |
901       7+15       15.6575      37.07   | Q V      |           |
      |          |
902       7+20       15.9141      37.26   | Q V      |           |
      |          |
903       7+25       16.1720      37.45   | Q V      |           |
      |          |
904       7+30       16.4312      37.63   |  QV      |           |
      |          |
905       7+35       16.6917      37.83   |  QV      |           |
      |          |
906       7+40       16.9536      38.02   |  Q V     |           |
      |          |
907       7+45       17.2168      38.22   |  Q V     |           |
      |          |
908       7+50       17.4814      38.42   |  Q V     |           |
      |          |
909       7+55       17.7474      38.62   |  Q V     |           |
      |          |
910       8+ 0       18.0150      38.86   |  Q V     |           |
      |          |
911       8+ 5       18.2839      39.04   |  Q V     |           |
      |          |
912       8+10       18.5540      39.23   |  Q V     |           |
      |          |
913       8+15       18.8255      39.42   |  Q V     |           |
      |          |
914       8+20       19.0983      39.61   |  Q V     |           |
      |          |
915       8+25       19.3724      39.80   |  Q V     |           |
      |          |
916       8+30       19.6479      40.00   |  Q V     |           |
      |          |
917       8+35       19.9248      40.20   |  Q V     |           |
      |          |
```

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918       8+40       20.2030     40.40  |  Q  V   |          |
     |          |
919       8+45       20.4827     40.61  |  Q  V   |          |
     |          |
920       8+50       20.7637     40.81  |  Q  V   |          |
     |          |
921       8+55       21.0463     41.03  |  Q  V   |          |
     |          |
922       9+ 0       21.3303     41.24  |  Q  V   |          |
     |          |
923       9+ 5       21.6159     41.46  |  Q  V   |          |
     |          |
924       9+10       21.9030     41.68  |  Q  V   |          |
     |          |
925       9+15       22.1916     41.91  |  Q  V   |          |
     |          |
926       9+20       22.4818     42.14  |  Q  V   |          |
     |          |
927       9+25       22.7736     42.37  |  Q  V   |          |
     |          |
928       9+30       23.0670     42.60  |  Q  V   |          |
     |          |
929       9+35       23.3621     42.85  |  Q  V   |          |
     |          |
930       9+40       23.6589     43.09  |  Q   V  |          |
     |          |
931       9+45       23.9574     43.34  |  Q   V  |          |
     |          |
932       9+50       24.2576     43.59  |  Q   V  |          |
     |          |
933       9+55       24.5596     43.85  |  Q   V  |          |
     |          |
934      10+ 0       24.8634     44.11  |  Q   V  |          |
     |          |
935      10+ 5       25.1691     44.38  |  Q   V  |          |
     |          |
936      10+10       25.4766     44.65  |  Q   V  |          |
     |          |
937      10+15       25.7860     44.93  |  Q   V  |          |
     |          |
938      10+20       26.0973     45.21  |  Q   V  |          |
     |          |
939      10+25       26.4107     45.50  |  Q   V  |          |
     |          |
940      10+30       26.7260     45.78  |  Q   V  |          |
     |          |
941      10+35       27.0434     46.09  |  Q    V |          |
     |          |
942      10+40       27.3628     46.39  |  Q    V |          |
     |          |
943      10+45       27.6845     46.70  |  Q    V |          |
     |          |
944      10+50       28.0082     47.01  |  Q    V |          |
     |          |
```

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945      10+55      28.3343     47.34  |  Q    V |          |
     |          |
946      11+ 0      28.6625     47.66  |  Q    V |          |
     |          |
947      11+ 5      28.9931     48.00  |  Q    V |          |
     |          |
948      11+10      29.3260     48.34  |  Q    V |          |
     |          |
949      11+15      29.6614     48.69  |  Q    V |          |
     |          |
950      11+20      29.9991     49.05  |  Q    V |          |
     |          |
951      11+25      30.3395     49.42  |  Q     V|          |
     |          |
952      11+30      30.6823     49.78  |  Q     V|          |
     |          |
953      11+35      31.0279     50.17  |   Q    V|          |
     |          |
954      11+40      31.3761     50.56  |   Q    V|          |
     |          |
955      11+45      31.7271     50.96  |   Q    V|          |
     |          |
956      11+50      32.0808     51.37  |   Q    V|          |
     |          |
957      11+55      32.4375     51.79  |   Q    V|          |
     |          |
958      12+ 0      32.7971     52.21  |   Q    V|          |
     |          |
959      12+ 5      33.1593     52.59  |   Q    V|          |
     |          |
960      12+10      33.5235     52.89  |   Q     V          |
     |          |
961      12+15      33.8898     53.18  |   Q     V          |
     |          |
962      12+20      34.2576     53.40  |   Q     V          |
     |          |
963      12+25      34.6265     53.57  |   Q     V          |
     |          |
964      12+30      34.9958     53.62  |   Q     V          |
     |          |
965      12+35      35.3648     53.58  |   Q     V          |
     |          |
966      12+40      35.7316     53.25  |   Q     V          |
     |          |
967      12+45      36.0937     52.58  |   Q     V          |
     |          |
968      12+50      36.4504     51.79  |   Q     V          |
     |          |
969      12+55      36.8003     50.81  |   Q     |V         |
     |          |
970      13+ 0      37.1504     50.84  |   Q     |V         |
     |          |
971      13+ 5      37.4989     50.59  |   Q     |V         |
     |          |
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972      13+10      37.8467     50.50  |   Q      |V         |
     |          |
973      13+15      38.1949     50.55  |   Q      |V         |
     |          |
974      13+20      38.5437     50.65  |   Q      |V         |
     |          |
975      13+25      38.8941     50.87  |   Q      |V         |
     |          |
976      13+30      39.2465     51.17  |   Q      |V         |
     |          |
977      13+35      39.6016     51.56  |   Q      |V         |
     |          |
978      13+40      39.9594     51.96  |   Q      |V         |
     |          |
979      13+45      40.3206     52.45  |   Q      | V        |
     |          |
980      13+50      40.6855     52.97  |   Q      | V        |
     |          |
981      13+55      41.0544     53.57  |   Q      | V        |
     |          |
982      14+ 0      41.4277     54.20  |   Q      | V        |
     |          |
983      14+ 5      41.8062     54.95  |   Q      | V        |
     |          |
984      14+10      42.1899     55.72  |   Q      | V        |
     |          |
985      14+15      42.5796     56.59  |   Q      | V        |
     |          |
986      14+20      42.9756     57.50  |   Q      | V        |
     |          |
987      14+25      43.3787     58.53  |   Q      | V        |
     |          |
988      14+30      43.7893     59.62  |   Q      |  V       |
     |          |
989      14+35      44.2084     60.85  |   Q      |  V       |
     |          |
990      14+40      44.6366     62.19  |   Q      |  V       |
     |          |
991      14+45      45.0756     63.74  |    Q     |  V       |
     |          |
992      14+50      45.5258     65.36  |    Q     |  V       |
     |          |
993      14+55      45.9886     67.20  |    Q     |  V       |
     |          |
994      15+ 0      46.4630     68.89  |    Q     |  V       |
     |          |
995      15+ 5      46.9510     70.86  |    Q     |   V      |
     |          |
996      15+10      47.4529     72.88  |    Q     |   V      |
     |          |
997      15+15      47.9704     75.14  |     Q    |   V      |
     |          |
998      15+20      48.5043     77.51  |     Q    |   V      |
     |          |
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 999      15+25      49.0572     80.28  |     Q    |   V      |
      |          |
1000      15+30      49.6309     83.30  |     Q    |   V      |
      |          |
1001      15+35      50.2287     86.81  |     Q    |    V     |
      |          |
1002      15+40      50.8534     90.70  |      Q   |    V     |
      |          |
1003      15+45      51.5103     95.38  |      Q   |    V     |
      |          |
1004      15+50      52.2050    100.87  |       Q  |    V     |
      |          |
1005      15+55      52.9511    108.33  |       Q  |    V     |
      |          |
1006      16+ 0      53.7691    118.78  |        Q|     V    |
      |          |
1007      16+ 5      54.7444    141.62  |         |Q    V    |
      |          |
1008      16+10      55.8799    164.87  |         |  Q  V    |
      |          |
1009      16+15      57.1440    183.55  |         |   Q  V   |
      |          |
1010      16+20      58.5814    208.70  |         |     QV   |
      |          |
1011      16+25      60.2199    237.91  |         |       VQ|
      |          |
1012      16+30      62.1108    274.56  |         |       V |Q
      |          |
1013      16+35      64.2892    316.31  |         |        V|    Q
      |          |
1014      16+40      66.9111    380.70  |         |         V
Q     |
1015      16+45      70.0039    449.07  |         |         V          |
Q     |
1016      16+50      73.1814    461.38  |         |         |V         |
Q   |
1017      16+55      76.3991    467.21  |         |         | V        |
Q  |
1018      17+ 0      78.5185    307.73  |         |         |  VQ
      |          |
1019      17+ 5      80.8335    336.15  |         |         |   V Q
      |          |
1020      17+10      82.8968    299.58  |         |         |  QV
      |          |
1021      17+15      84.7692    271.88  |         |         |Q   V
      |          |
1022      17+20      86.5012    251.49  |         |         Q    V
      |          |
1023      17+25      88.0863    230.15  |         |       Q |     V
      |          |
1024      17+30      89.5217    208.42  |         |     Q   |     V
      |          |
1025      17+35      90.8578    194.01  |         |    Q    |      V
      |          |
```

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1026      17+40      92.1320    185.02  |          |   Q      |       V
      |          |
1027      17+45      93.3289    173.79  |          |  Q       |       V
      |          |
1028      17+50      94.4569    163.78  |          |  Q       |        V
      |          |
1029      17+55      95.5239    154.93  |          | Q        |        V
      |          |
1030      18+ 0      96.5333    146.57  |          |Q         |        V
      |          |
1031      18+ 5      97.4888    138.74  |          |Q         |
      V|          |
1032      18+10      98.4065    133.25  |          Q          |
      V|          |
1033      18+15      99.2933    128.76  |          Q          |
      V|          |
1034      18+20     100.1464    123.86  |         Q|          |
      V|          |
1035      18+25     100.9674    119.22  |         Q|          |
      V          |
1036      18+30     101.7464    113.10  |         Q|          |
      V          |
1037      18+35     102.5010    109.57  |        Q |          |
      V          |
1038      18+40     103.2213    104.58  |        Q |          |
      V          |
1039      18+45     103.9266    102.42  |        Q |          |
      |V         |
1040      18+50     104.6198    100.64  |        Q |          |
      |V         |
1041      18+55     105.2975     98.41  |       Q  |          |
      |V         |
1042      19+ 0     105.9623     96.53  |       Q  |          |
      |V         |
1043      19+ 5     106.6139     94.60  |       Q  |          |
      |V         |
1044      19+10     107.2431     91.36  |       Q  |          |          |
      V        |
1045      19+15     107.8617     89.83  |       Q  |          |          |
      V        |
1046      19+20     108.4707     88.42  |       Q  |          |          |
      V        |
1047      19+25     109.0641     86.17  |     Q    |          |          |
      V        |
1048      19+30     109.6397     83.59  |     Q    |          |          |
      V        |
1049      19+35     110.2069     82.35  |     Q    |          |          |
      V        |
1050      19+40     110.7656     81.12  |     Q    |          |          |
      V       |
1051      19+45     111.3139     79.61  |     Q    |          |          |
      V       |
1052      19+50     111.8449     77.11  |     Q    |          |          |
      V       |
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1053      19+55     112.3660     75.66  |     Q    |          |          |
      V       |
1054      20+ 0     112.8795     74.56  |    Q     |          |          |
      V       |
1055      20+ 5     113.3847     73.36  |    Q     |          |          |
      V       |
1056      20+10     113.8800     71.91  |    Q     |          |          |
      V      |
1057      20+15     114.3545     68.90  |    Q     |          |          |
      V      |
1058      20+20     114.8122     66.46  |    Q     |          |          |
      V      |
1059      20+25     115.2632     65.48  |    Q     |          |          |
      V      |
1060      20+30     115.7081     64.60  |    Q     |          |          |
      V      |
1061      20+35     116.1472     63.76  |    Q     |          |          |
      V      |
1062      20+40     116.5805     62.90  |    Q     |          |          |
      V      |
1063      20+45     117.0068     61.91  |   Q      |          |          |
      V      |
1064      20+50     117.4246     60.66  |   Q      |          |          |
      V     |
1065      20+55     117.8237     57.95  |   Q      |          |          |
      V     |
1066      21+ 0     118.2093     55.98  |   Q      |          |          |
      V     |
1067      21+ 5     118.5896     55.22  |   Q      |          |          |
      V     |
1068      21+10     118.9654     54.57  |   Q      |          |          |
      V     |
1069      21+15     119.3371     53.97  |   Q      |          |          |
      V     |
1070      21+20     119.7051     53.43  |   Q      |          |          |
      V     |
1071      21+25     120.0694     52.89  |   Q      |          |          |
      V     |
1072      21+30     120.4300     52.36  |   Q      |          |          |
      V    |
1073      21+35     120.7870     51.84  |   Q      |          |          |
      V    |
1074      21+40     121.1406     51.33  |   Q      |          |          |
      V    |
1075      21+45     121.4906     50.82  |   Q      |          |          |
      V    |
1076      21+50     121.8368     50.28  |   Q      |          |          |
      V    |
1077      21+55     122.1790     49.68  |  Q       |          |          |
      V    |
1078      22+ 0     122.5162     48.96  |  Q       |          |          |
      V    |
1079      22+ 5     122.8438     47.58  |  Q       |          |          |
      V    |
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1080      22+10     123.1619     46.18  |  Q       |          |          |
      V   |
1081      22+15     123.4763     45.66  |  Q       |          |          |
      V   |
1082      22+20     123.7877     45.21  |  Q       |          |          |
      V  |
1083      22+25     124.0962     44.79  |  Q       |          |          |
      V  |
1084      22+30     124.4019     44.40  |  Q       |          |          |
      V  |
1085      22+35     124.7051     44.02  |  Q       |          |          |
      V  |
1086      22+40     125.0058     43.66  |  Q       |          |          |
      V  |
1087      22+45     125.3041     43.31  |  Q       |          |          |
      V  |
1088      22+50     125.6001     42.97  |  Q       |          |          |
      V  |
1089      22+55     125.8936     42.62  |  Q       |          |          |
      V  |
1090      23+ 0     126.1848     42.28  |  Q       |          |          |
      V  |
1091      23+ 5     126.4736     41.94  |  Q       |          |          |
      V  |
1092      23+10     126.7602     41.61  |  Q       |          |          |
      V  |
1093      23+15     127.0444     41.27  |  Q       |          |          |
      V  |
1094      23+20     127.3265     40.96  |  Q       |          |
      |       V |
1095      23+25     127.6062     40.61  |  Q       |          |
      |       V |
1096      23+30     127.8836     40.28  |  Q       |          |
      |       V |
1097      23+35     128.1586     39.92  |  Q       |          |
      |       V |
1098      23+40     128.4313     39.59  |  Q       |          |
      |       V |
1099      23+45     128.7015     39.24  |  Q       |          |
      |       V |
1100      23+50     128.9703     39.03  |  Q       |          |
      |       V |
1101      23+55     129.2370     38.72  |  Q       |          |
      |       V |
1102      24+ 0     129.5142     40.25  |  Q       |          |
      |       V |
1103      24+ 5     129.7539     34.80  | Q        |          |
      |       V |
1104      24+10     129.9871     33.86  | Q        |          |
      |       V |
1105      24+15     130.2152     33.12  | Q        |          |
      |       V |
1106      24+20     130.4376     32.30  | Q        |          |
      |       V |
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1107      24+25     130.6540     31.42  | Q        |          |
      |         V|
1108      24+30     130.8630     30.35  | Q        |          |
      |         V|
1109      24+35     131.0634     29.10  | Q        |          |
      |         V|
1110      24+40     131.2518     27.36  | Q        |          |
      |         V|
1111      24+45     131.4238     24.97  |Q         |          |
      |         V|
1112      24+50     131.5781     22.40  |Q         |          |
      |         V|
1113      24+55     131.7120     19.45  |Q         |          |
      |         V|
1114      25+ 0     131.8385     18.36  |Q         |          |
      |         V|
1115      25+ 5     131.9536     16.71  |Q         |          |
      |         V|
1116      25+10     132.0595     15.37  |Q         |          |
      |         V|
1117      25+15     132.1573     14.21  |Q         |          |
      |         V|
1118      25+20     132.2479     13.16  |Q         |          |
      |         V|
1119      25+25     132.3322     12.24  Q         |          |
      |         V|
1120      25+30     132.4112     11.47  Q         |          |
      |         V|
1121      25+35     132.4856     10.79  Q         |          |
      |         V|
1122      25+40     132.5554     10.14  Q         |          |
      |         V|
1123      25+45     132.6211      9.55  Q         |          |
      |         V|
1124      25+50     132.6831      9.00  Q         |          |
      |         V|
1125      25+55     132.7417      8.50  Q         |          |
      |         V|
1126      26+ 0     132.7972      8.06  Q         |          |
      |         V|
1127      26+ 5     132.8498      7.63  Q         |          |
      |         V|
1128      26+10     132.8995      7.23  Q         |          |
      |         V|
1129      26+15     132.9466      6.83  Q         |          |
      |         V|
1130      26+20     132.9911      6.46  Q         |          |
      |         V|
1131      26+25     133.0332      6.11  Q         |          |
      |         V|
1132      26+30     133.0731      5.79  Q         |          |
      |         V|
1133      26+35     133.1109      5.49  Q         |          |
      |         V|
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1134      26+40      133.1468      5.22  Q          |           |
      |         V|
1135      26+45      133.1811      4.97  Q          |           |
      |         V|
1136      26+50      133.2136      4.72  Q          |           |
      |         V|
1137      26+55      133.2445      4.49  Q          |           |
      |         V|
1138      27+ 0      133.2740      4.27  Q          |           |
      |         V|
1139      27+ 5      133.3019      4.06  Q          |           |
      |         V|
1140      27+10      133.3285      3.86  Q          |           |
      |         V|
1141      27+15      133.3538      3.68  Q          |           |
      |         V|
1142      27+20      133.3779      3.49  Q          |           |
      |         V|
1143      27+25      133.4007      3.32  Q          |           |
      |         V|
1144      27+30      133.4225      3.16  Q          |           |
      |         V|
1145      27+35      133.4432      3.01  Q          |           |
      |         V|
1146      27+40      133.4628      2.85  Q          |           |
      |         V|
1147      27+45      133.4815      2.70  Q          |           |
      |         V|
1148      27+50      133.4991      2.57  Q          |           |
      |         V|
1149      27+55      133.5160      2.44  Q          |           |
      |         V|
1150      28+ 0      133.5319      2.31  Q          |           |
      |         V|
1151      28+ 5      133.5469      2.19  Q          |           |
      |         V|
1152      28+10      133.5611      2.06  Q          |           |
      |         V|
1153      28+15      133.5746      1.95  Q          |           |
      |         V|
1154      28+20      133.5874      1.87  Q          |           |
      |         V|
1155      28+25      133.5997      1.78  Q          |           |
      |         V|
1156      28+30      133.6113      1.69  Q          |           |
      |         V|
1157      28+35      133.6224      1.61  Q          |           |
      |         V|
1158      28+40      133.6329      1.52  Q          |           |
      |         V|
1159      28+45      133.6428      1.44  Q          |           |
      |         V|
1160      28+50      133.6521      1.35  Q          |           |
      |         V|
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1161      28+55     133.6610      1.29  Q           |           |
      |         V|
1162      29+ 0     133.6695      1.24  Q           |           |
      |         V|
1163      29+ 5     133.6777      1.19  Q           |           |
      |         V|
1164      29+10     133.6856      1.14  Q           |           |
      |         V|
1165      29+15     133.6931      1.09  Q           |           |
      |         V|
1166      29+20     133.7002      1.04  Q           |           |
      |         V|
1167      29+25     133.7071      0.99  Q           |           |
      |         V|
1168      29+30     133.7136      0.94  Q           |           |
      |         V|
1169      29+35     133.7198      0.90  Q           |           |
      |         V|
1170      29+40     133.7256      0.85  Q           |           |
      |         V|
1171      29+45     133.7311      0.80  Q           |           |
      |         V|
1172      29+50     133.7363      0.76  Q           |           |
      |         V|
1173      29+55     133.7412      0.71  Q           |           |
      |         V|
1174      30+ 0     133.7458      0.66  Q           |           |
      |         V|
1175      30+ 5     133.7501      0.63  Q           |           |
      |         V|
1176      30+10     133.7542      0.60  Q           |           |
      |         V|
1177      30+15     133.7581      0.57  Q           |           |
      |         V|
1178      30+20     133.7619      0.54  Q           |           |
      |         V|
1179      30+25     133.7654      0.52  Q           |           |
      |         V|
1180      30+30     133.7688      0.49  Q           |           |
      |         V|
1181      30+35     133.7720      0.46  Q           |           |
      |         V|
1182      30+40     133.7750      0.44  Q           |           |
      |         V|
1183      30+45     133.7778      0.41  Q           |           |
      |         V|
1184      30+50     133.7804      0.38  Q           |           |
      |         V|
1185      30+55     133.7829      0.36  Q           |           |
      |         V|
1186      31+ 0     133.7852      0.33  Q           |           |
      |         V|
1187      31+ 5     133.7873      0.31  Q           |           |
      |         V|
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1188      31+10      133.7892      0.28  Q          |          |
      |         V|
1189      31+15      133.7910      0.25  Q          |          |
      |         V|
1190      31+20      133.7925      0.23  Q          |          |
      |         V|
1191      31+25      133.7939      0.20  Q          |          |
      |         V|
1192      31+30      133.7952      0.18  Q          |          |
      |         V|
1193      31+35      133.7962      0.15  Q          |          |
      |         V|
1194      31+40      133.7971      0.13  Q          |          |
      |         V|
1195      31+45      133.7979      0.11  Q          |          |
      |         V|
1196      31+50      133.7984      0.08  Q          |          |
      |         V|
1197      31+55      133.7988      0.06  Q          |          |
      |          V
1198   ------------------------------------------------------------------------
1199
1200
1201
1202
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Appendix B

Kern County Curve Number Table

Residential Landscaping (Lawn, Shrubs, etc.) - The pervious portions of commercial establishments, single and multiple family dwellings, trailer parks and schools where the predominant land cover is lawn, shrubbery and trees.

Row Crops - Lettuce, tomatoes, beets, tulips or any field crop planted in rows far enough apart that most of the soil surface is exposed to rainfall impact throughout the growing season. At plowing, planting and harvest times it is equivalent to fallow.

Small Grain - Wheat, oats, barley, flax, etc. planted in rows close enough that the soil surface is not exposed except during planting and shortly thereafter.

Legumes - Alfalfa, sweetclover, timothy, etc. and combinations are either planted in close rows or broadcast.

Fallow - Fallow land is land plowed but not yet seeded or tilled.

Woodland - grass - Areas with an open cover of broadleaf or coniferous trees usually live oak and pines, with the intervening ground space occupied by annual grasses or weeds. The trees may occur singly or in small clumps. Canopy density, the amount of ground surface shaded at high noon, is from 20 to 50 percent.

Woodland - Areas on which coniferous or broadleaf trees predominate. The canopy density is at least 50 percent. Open areas may have a cover of annual or perennial grasses or of brush. Herbaceous plant cover under the trees is usually sparse because of leaf or needle litter accumulation.

Chaparral - Land on which the principal vegetation consists of evergreen shrubs with broad, hard, stiff leaves such as manzonita, ceanothus and scrub oak. The brush cover is usually dense or moderately dense. Diffusely branched evergreen shrubs with fine needle-like leaves, such as chamise and redchank, with dense high growth are also included in this soil cover.

Annual Grass - Land on which the principal vegetation consists of annual grasses and weeds such as annual bromes, wild barley, soft chess, ryegrass and filaree.

Irrigated Pasture - Irrigated land planted to perennial grasses and legumes for production of forage and which is cultivated only to establish or renew the stand of plants. Dry land pasture is considered as annual grass.

Meadow - Land areas with seasonally high water table, locally called cienegas. Principal vegetation consists of sod-forming grasses interspersed with other plants.

Orchard (Deciduous) - Land planted to such deciduous trees as apples, apricots, pears, walnuts, and almonds.

Orchard (Evergreen) - Land planted to evergreen trees which include citrus and avocados and coniferous plantings.

Turf - Golf courses, parks and similar lands where the predominant cover is irrigated mowed close-grown turf grass. Parks in which trees are dense may be classified as woodland.

KERN COUNTY

HYDROLOGY MANUAL

SCS
COVER TYPE
DESCRIPTIONS

FIGURE C-1

Curve[1] Numbers of Hydrologic Soil-Cover Complexes For Pervious Areas-AMC II

Cover Type (3)	Quality of Cover (2)	Soil Group A	B	C	D
NATURAL COVERS -					
Barren (Rockland, eroded and graded land)		77	86	91	94
Chaparral, Broadleaf (Manzonita, ceanothus and scrub oak)	Poor	53	70	80	85
	Fair	40	63	75	81
	Good	31	57	71	78
Chaparral, Narrowleaf (Chamise and Redskank)	Poor	71	82	88	91
	Fair	55	72	81	86
Grass, Annual or Perennial	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80
Meadows or Cienagas (Areas with seasonally high water table, principal vegatation is sod forming grass)	Poor	63	77	85	88
	Fair	51	70	80	84
	Good	30	58	71	78
Open Brush (Soft wood shrubs-buckwheat,sage,etc.)	Poor	62	76	84	88
	Fair	46	66	77	83
	Good	41	63	75	81
Woodland (4) (Coniferous or broadleaf trees predominate. Canopy density is at least 50 percent)	Poor	45	66	77	83
	Fair	36	60	73	79
	Good	30	55	70	77
Woodland, Grass (Coniferous or broadleaf trees with canopy density from 20 to 50 percent)	Poor	57	73	82	86
	Fair	43	65	76	82
	Good	32	58	72	79
URBAN COVERS -					
Residential or Commercial Landscaping (Lawns, shrubs, etc.)	Good	39	61	74	80
Turf (Irrigated and mowed grass)	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80

KERN COUNTY
Hydrology Manual

CURVE NUMBERS FOR PERVIOUS AREAS

Curve[1] Numbers of Hydrologic Soil-Cover Complexes For Pervious Areas-AMC II

Cover Type (3)	Quality of Cover (2)	Soil Group A	B	C	D
AGRICULTURAL COVERS -					
Fallow (Bare Soil)		77	86	91	94
Close Seeded (alfalfa, sweetclover, timothy, etc.)	Poor	66	77	85	89
	Good	58	72	81	85
Orchards, Evergreen (Citrus, avacodos, etc.)	Poor	57	73	82	86
	Fair	43	65	76	82
	Good	32	58	72	79
Pasture (Grassland or range, continuos forage for grazing)	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80
Row Crops (Straight row, non-contoured)	Poor	72	81	88	91
	Good	67	78	85	89
Small Grain (Straight row, non-contoured)	Poor	65	76	84	88
	Good	63	75	83	87

Notes:

1. Average runoff condition, Ia = 0.2(S)

2. Poor: Heavily grazed, regularly burned areas, or areas of high burn potential. Less than 50 percent of the ground surface is protected by plant cover or brush and tree canopy.

   Fair: Moderate cover with 50 percent to 75 percent of the ground surface protected. In wooded areas the woods are grazed but not burned, and some forest litter covers the soil.

   Good: Heavy or dense cover with more than 75 percent of the ground surface protected. In wooded areas the woods are protected from grazing, litter and brush adequately cover soil.

3. See Figure C-1 for definition of cover types.

KERN COUNTY
Hydrology Manual

CURVE NUMBERS FOR PERVIOUS AREAS

Appendix C

Atlas 14 Rainfall Data

NOAA Atlas 14, Volume 6, Version 2
Location name: California City, California, USA*
Latitude: 35.0154°, Longitude: -117.9379°
Elevation: 2434.83 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	**0.071** (0.059-0.088)	**0.097** (0.080-0.120)	**0.133** (0.109-0.165)	**0.165** (0.134-0.205)	**0.211** (0.165-0.271)	**0.249** (0.191-0.326)	**0.290** (0.218-0.390)	**0.336** (0.246-0.464)	**0.404** (0.284-0.582)	**0.464** (0.315-0.690)
10-min	**0.102** (0.084-0.126)	**0.139** (0.114-0.171)	**0.191** (0.156-0.236)	**0.236** (0.192-0.294)	**0.302** (0.237-0.388)	**0.356** (0.274-0.468)	**0.416** (0.313-0.559)	**0.482** (0.352-0.665)	**0.580** (0.407-0.834)	**0.665** (0.451-0.989)
15-min	**0.124** (0.102-0.152)	**0.168** (0.138-0.207)	**0.231** (0.189-0.285)	**0.285** (0.232-0.355)	**0.365** (0.287-0.469)	**0.431** (0.332-0.566)	**0.503** (0.378-0.676)	**0.583** (0.426-0.805)	**0.701** (0.492-1.01)	**0.804** (0.546-1.20)
30-min	**0.170** (0.139-0.209)	**0.231** (0.189-0.284)	**0.317** (0.259-0.391)	**0.391** (0.318-0.487)	**0.500** (0.393-0.643)	**0.591** (0.455-0.775)	**0.690** (0.518-0.927)	**0.799** (0.584-1.10)	**0.961** (0.675-1.38)	**1.10** (0.748-1.64)
60-min	**0.237** (0.194-0.291)	**0.322** (0.264-0.396)	**0.441** (0.361-0.545)	**0.545** (0.443-0.679)	**0.697** (0.548-0.896)	**0.824** (0.634-1.08)	**0.961** (0.723-1.29)	**1.11** (0.814-1.54)	**1.34** (0.941-1.93)	**1.54** (1.04-2.29)
2-hr	**0.351** (0.288-0.432)	**0.466** (0.382-0.573)	**0.624** (0.510-0.770)	**0.759** (0.616-0.944)	**0.953** (0.749-1.23)	**1.11** (0.855-1.46)	**1.28** (0.961-1.72)	**1.46** (1.07-2.02)	**1.72** (1.21-2.48)	**1.94** (1.32-2.88)
3-hr	**0.428** (0.352-0.527)	**0.565** (0.464-0.696)	**0.752** (0.616-0.929)	**0.912** (0.740-1.14)	**1.14** (0.894-1.46)	**1.32** (1.02-1.73)	**1.51** (1.14-2.03)	**1.72** (1.26-2.38)	**2.01** (1.41-2.90)	**2.25** (1.53-3.35)
6-hr	**0.570** (0.468-0.701)	**0.756** (0.620-0.931)	**1.01** (0.825-1.25)	**1.22** (0.990-1.52)	**1.52** (1.19-1.95)	**1.75** (1.35-2.30)	**2.00** (1.50-2.69)	**2.26** (1.65-3.12)	**2.62** (1.84-3.77)	**2.91** (1.98-4.33)
12-hr	**0.699** (0.574-0.859)	**0.964** (0.791-1.19)	**1.32** (1.08-1.63)	**1.61** (1.31-2.00)	**2.01** (1.58-2.59)	**2.33** (1.79-3.05)	**2.65** (1.99-3.56)	**2.99** (2.19-4.13)	**3.45** (2.42-4.96)	**3.81** (2.59-5.67)
24-hr	**0.880** (0.782-1.01)	**1.27** (1.12-1.46)	**1.78** (1.57-2.05)	**2.20** (1.93-2.56)	**2.77** (2.35-3.33)	**3.22** (2.67-3.95)	**3.67** (2.97-4.62)	**4.14** (3.26-5.37)	**4.78** (3.61-6.47)	**5.28** (3.85-7.40)
2-day	**1.04** (0.921-1.19)	**1.50** (1.33-1.73)	**2.12** (1.88-2.45)	**2.64** (2.31-3.07)	**3.35** (2.84-4.03)	**3.90** (3.24-4.79)	**4.47** (3.62-5.63)	**5.07** (3.99-6.57)	**5.89** (4.44-7.96)	**6.53** (4.76-9.15)
3-day	**1.13** (1.00-1.30)	**1.64** (1.45-1.88)	**2.32** (2.05-2.68)	**2.89** (2.53-3.36)	**3.68** (3.12-4.42)	**4.29** (3.56-5.28)	**4.93** (4.00-6.22)	**5.61** (4.41-7.27)	**6.54** (4.93-8.84)	**7.28** (5.31-10.2)
4-day	**1.20** (1.06-1.38)	**1.74** (1.54-2.00)	**2.47** (2.18-2.85)	**3.08** (2.70-3.58)	**3.92** (3.32-4.71)	**4.58** (3.80-5.63)	**5.26** (4.26-6.63)	**5.98** (4.70-7.75)	**6.97** (5.26-9.43)	**7.76** (5.65-10.9)
7-day	**1.31** (1.17-1.51)	**1.91** (1.69-2.19)	**2.71** (2.40-3.13)	**3.38** (2.96-3.93)	**4.29** (3.64-5.16)	**5.00** (4.15-6.15)	**5.73** (4.64-7.22)	**6.49** (5.11-8.41)	**7.53** (5.68-10.2)	**8.33** (6.07-11.7)
10-day	**1.36** (1.21-1.57)	**1.99** (1.76-2.28)	**2.83** (2.50-3.26)	**3.52** (3.09-4.10)	**4.48** (3.80-5.39)	**5.22** (4.33-6.42)	**5.98** (4.84-7.53)	**6.76** (5.32-8.76)	**7.82** (5.90-10.6)	**8.65** (6.30-12.1)
20-day	**1.59** (1.41-1.83)	**2.34** (2.08-2.69)	**3.37** (2.98-3.88)	**4.22** (3.70-4.91)	**5.40** (4.58-6.50)	**6.33** (5.25-7.78)	**7.28** (5.90-9.17)	**8.26** (6.50-10.7)	**9.59** (7.24-13.0)	**10.6** (7.74-14.9)
30-day	**1.81** (1.60-2.08)	**2.67** (2.37-3.07)	**3.86** (3.41-4.46)	**4.86** (4.26-5.66)	**6.27** (5.32-7.55)	**7.38** (6.12-9.07)	**8.52** (6.90-10.7)	**9.70** (7.63-12.6)	**11.3** (8.54-15.3)	**12.6** (9.15-17.6)
45-day	**2.12** (1.88-2.44)	**3.14** (2.78-3.61)	**4.55** (4.02-5.25)	**5.75** (5.05-6.69)	**7.47** (6.34-8.99)	**8.85** (7.34-10.9)	**10.3** (8.31-12.9)	**11.7** (9.24-15.2)	**13.8** (10.4-18.6)	**15.4** (11.2-21.5)
60-day	**2.35** (2.09-2.70)	**3.46** (3.07-3.98)	**5.03** (4.45-5.80)	**6.38** (5.59-7.42)	**8.31** (7.05-10.0)	**9.87** (8.19-12.1)	**11.5** (9.32-14.5)	**13.2** (10.4-17.1)	**15.6** (11.8-21.1)	**17.4** (12.7-24.4)

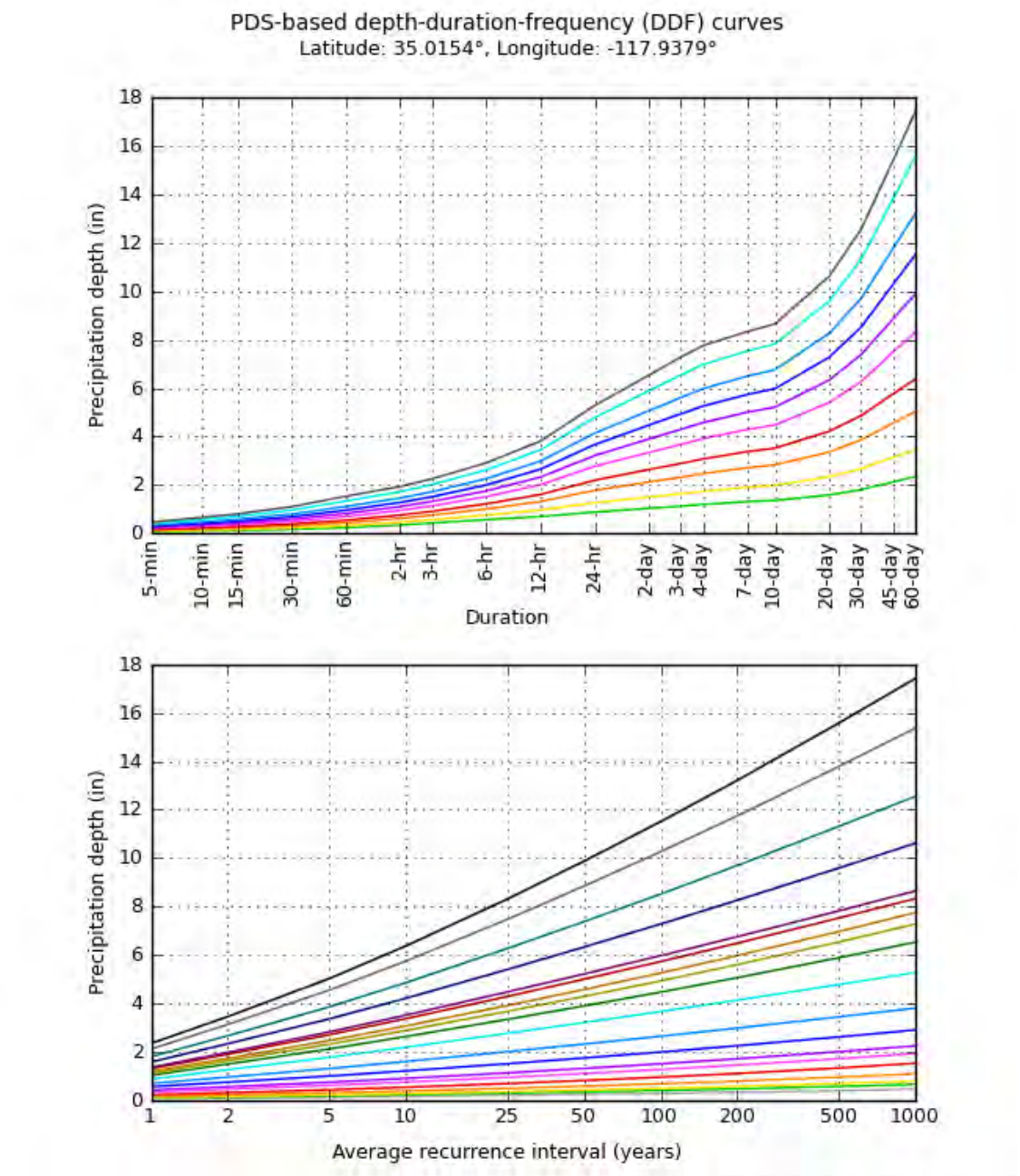
[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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PF graphical



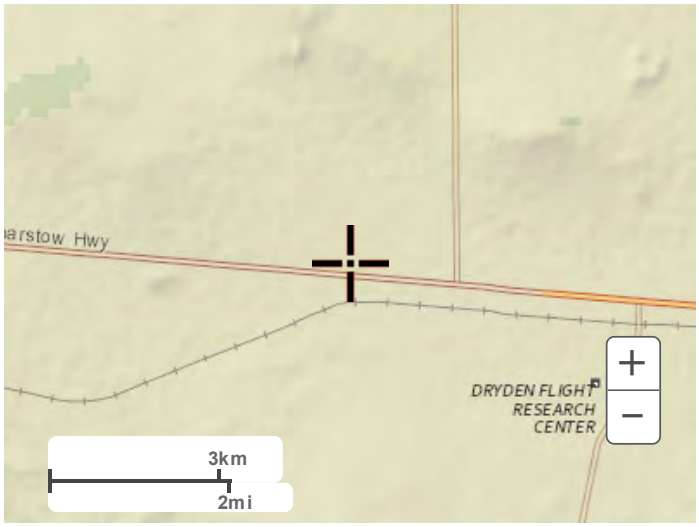
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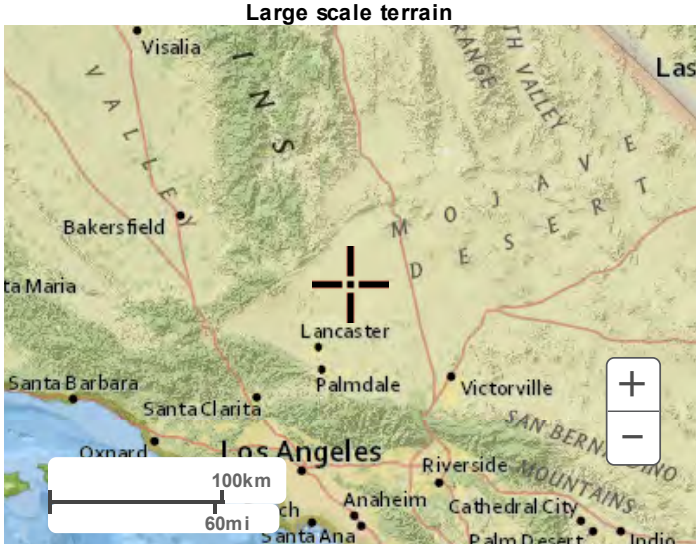
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Maps & aerials

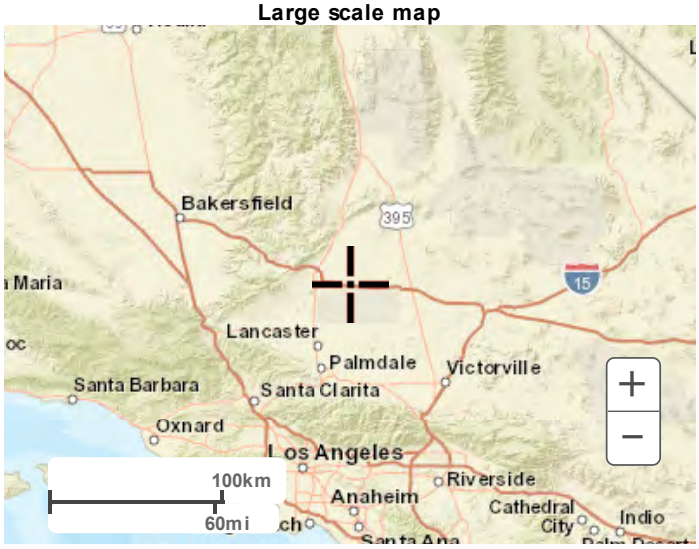
Small scale terrain



Large scale terrain



Large scale map



Large scale aerial



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National Oceanic and Atmospheric Administration
National Weather Service
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

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NOAA Atlas 14, Volume 6, Version 2
Location name: Mojave, California, USA*
Latitude: 35.0758°, Longitude: -118.2682°
Elevation: 3878.72 ft**
* source: ESRI Maps
** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	**0.093** (0.077-0.115)	**0.125** (0.102-0.153)	**0.170** (0.139-0.209)	**0.210** (0.171-0.261)	**0.272** (0.214-0.349)	**0.325** (0.251-0.427)	**0.385** (0.290-0.518)	**0.455** (0.333-0.628)	**0.563** (0.395-0.811)	**0.664** (0.450-0.988)
10-min	**0.134** (0.110-0.165)	**0.179** (0.147-0.220)	**0.243** (0.199-0.300)	**0.302** (0.245-0.375)	**0.390** (0.307-0.501)	**0.467** (0.359-0.612)	**0.553** (0.415-0.742)	**0.652** (0.477-0.900)	**0.807** (0.567-1.16)	**0.952** (0.646-1.42)
15-min	**0.162** (0.133-0.199)	**0.216** (0.177-0.266)	**0.294** (0.241-0.362)	**0.365** (0.296-0.453)	**0.472** (0.371-0.606)	**0.564** (0.435-0.740)	**0.668** (0.502-0.898)	**0.788** (0.577-1.09)	**0.977** (0.686-1.41)	**1.15** (0.781-1.71)
30-min	**0.222** (0.182-0.272)	**0.295** (0.243-0.363)	**0.402** (0.329-0.496)	**0.499** (0.405-0.620)	**0.645** (0.507-0.828)	**0.771** (0.594-1.01)	**0.913** (0.687-1.23)	**1.08** (0.788-1.49)	**1.34** (0.937-1.92)	**1.57** (1.07-2.34)
60-min	**0.313** (0.258-0.385)	**0.418** (0.343-0.513)	**0.568** (0.466-0.701)	**0.705** (0.573-0.876)	**0.912** (0.717-1.17)	**1.09** (0.840-1.43)	**1.29** (0.971-1.74)	**1.52** (1.12-2.10)	**1.89** (1.33-2.72)	**2.23** (1.51-3.31)
2-hr	**0.475** (0.390-0.583)	**0.621** (0.510-0.764)	**0.827** (0.677-1.02)	**1.01** (0.818-1.25)	**1.27** (0.999-1.63)	**1.49** (1.15-1.95)	**1.73** (1.30-2.32)	**2.00** (1.46-2.76)	**2.40** (1.68-3.45)	**2.74** (1.86-4.08)
3-hr	**0.597** (0.491-0.733)	**0.779** (0.640-0.957)	**1.03** (0.845-1.27)	**1.25** (1.01-1.55)	**1.56** (1.23-2.01)	**1.82** (1.40-2.38)	**2.09** (1.58-2.81)	**2.40** (1.75-3.31)	**2.84** (2.00-4.09)	**3.22** (2.19-4.80)
6-hr	**0.846** (0.696-1.04)	**1.11** (0.914-1.37)	**1.47** (1.21-1.82)	**1.78** (1.45-2.21)	**2.21** (1.74-2.84)	**2.56** (1.97-3.35)	**2.92** (2.20-3.93)	**3.32** (2.43-4.58)	**3.88** (2.73-5.59)	**4.35** (2.95-6.48)
12-hr	**1.11** (0.913-1.36)	**1.51** (1.24-1.85)	**2.03** (1.66-2.50)	**2.47** (2.01-3.07)	**3.08** (2.42-3.95)	**3.56** (2.74-4.66)	**4.05** (3.05-5.45)	**4.58** (3.35-6.33)	**5.33** (3.74-7.67)	**5.94** (4.03-8.84)
24-hr	**1.46** (1.30-1.68)	**2.05** (1.81-2.35)	**2.82** (2.50-3.26)	**3.47** (3.04-4.03)	**4.36** (3.70-5.25)	**5.06** (4.20-6.22)	**5.79** (4.69-7.30)	**6.56** (5.16-8.51)	**7.63** (5.76-10.3)	**8.49** (6.19-11.9)
2-day	**1.80** (1.60-2.07)	**2.52** (2.24-2.90)	**3.50** (3.09-4.04)	**4.33** (3.80-5.03)	**5.51** (4.67-6.63)	**6.46** (5.36-7.94)	**7.47** (6.04-9.41)	**8.54** (6.72-11.1)	**10.1** (7.61-13.6)	**11.4** (8.27-15.9)
3-day	**2.00** (1.77-2.29)	**2.79** (2.48-3.21)	**3.87** (3.43-4.47)	**4.81** (4.22-5.59)	**6.16** (5.22-7.41)	**7.26** (6.02-8.92)	**8.43** (6.83-10.6)	**9.71** (7.64-12.6)	**11.5** (8.71-15.6)	**13.1** (9.52-18.3)
4-day	**2.17** (1.92-2.49)	**3.02** (2.68-3.48)	**4.18** (3.70-4.83)	**5.19** (4.55-6.04)	**6.64** (5.63-7.99)	**7.83** (6.50-9.63)	**9.10** (7.37-11.5)	**10.5** (8.25-13.6)	**12.5** (9.41-16.9)	**14.1** (10.3-19.8)
7-day	**2.51** (2.22-2.88)	**3.46** (3.07-3.98)	**4.73** (4.19-5.46)	**5.81** (5.10-6.77)	**7.35** (6.24-8.85)	**8.60** (7.14-10.6)	**9.94** (8.04-12.5)	**11.4** (8.95-14.8)	**13.4** (10.1-18.2)	**15.2** (11.0-21.2)
10-day	**2.70** (2.40-3.10)	**3.70** (3.29-4.26)	**5.02** (4.44-5.79)	**6.13** (5.38-7.13)	**7.68** (6.51-9.24)	**8.93** (7.42-11.0)	**10.3** (8.31-12.9)	**11.7** (9.20-15.2)	**13.7** (10.4-18.6)	**15.4** (11.2-21.6)
20-day	**3.27** (2.90-3.75)	**4.46** (3.96-5.13)	**6.00** (5.31-6.93)	**7.28** (6.39-8.47)	**9.03** (7.65-10.9)	**10.4** (8.64-12.8)	**11.9** (9.60-15.0)	**13.4** (10.6-17.4)	**15.7** (11.8-21.2)	**17.5** (12.8-24.6)
30-day	**3.84** (3.41-4.41)	**5.25** (4.65-6.03)	**7.03** (6.22-8.11)	**8.49** (7.45-9.88)	**10.5** (8.88-12.6)	**12.0** (9.99-14.8)	**13.7** (11.1-17.3)	**15.5** (12.2-20.1)	**18.1** (13.6-24.5)	**20.3** (14.8-28.4)
45-day	**4.60** (4.08-5.28)	**6.25** (5.54-7.19)	**8.36** (7.39-9.64)	**10.1** (8.83-11.7)	**12.4** (10.5-14.9)	**14.2** (11.8-17.4)	**16.1** (13.1-20.3)	**18.2** (14.4-23.7)	**21.3** (16.1-28.8)	**23.9** (17.4-33.5)
60-day	**5.25** (4.66-6.03)	**7.08** (6.28-8.15)	**9.40** (8.31-10.8)	**11.3** (9.89-13.1)	**13.8** (11.7-16.6)	**15.8** (13.1-19.5)	**17.9** (14.5-22.6)	**20.3** (16.0-26.4)	**23.8** (17.9-32.2)	**26.8** (19.5-37.5)

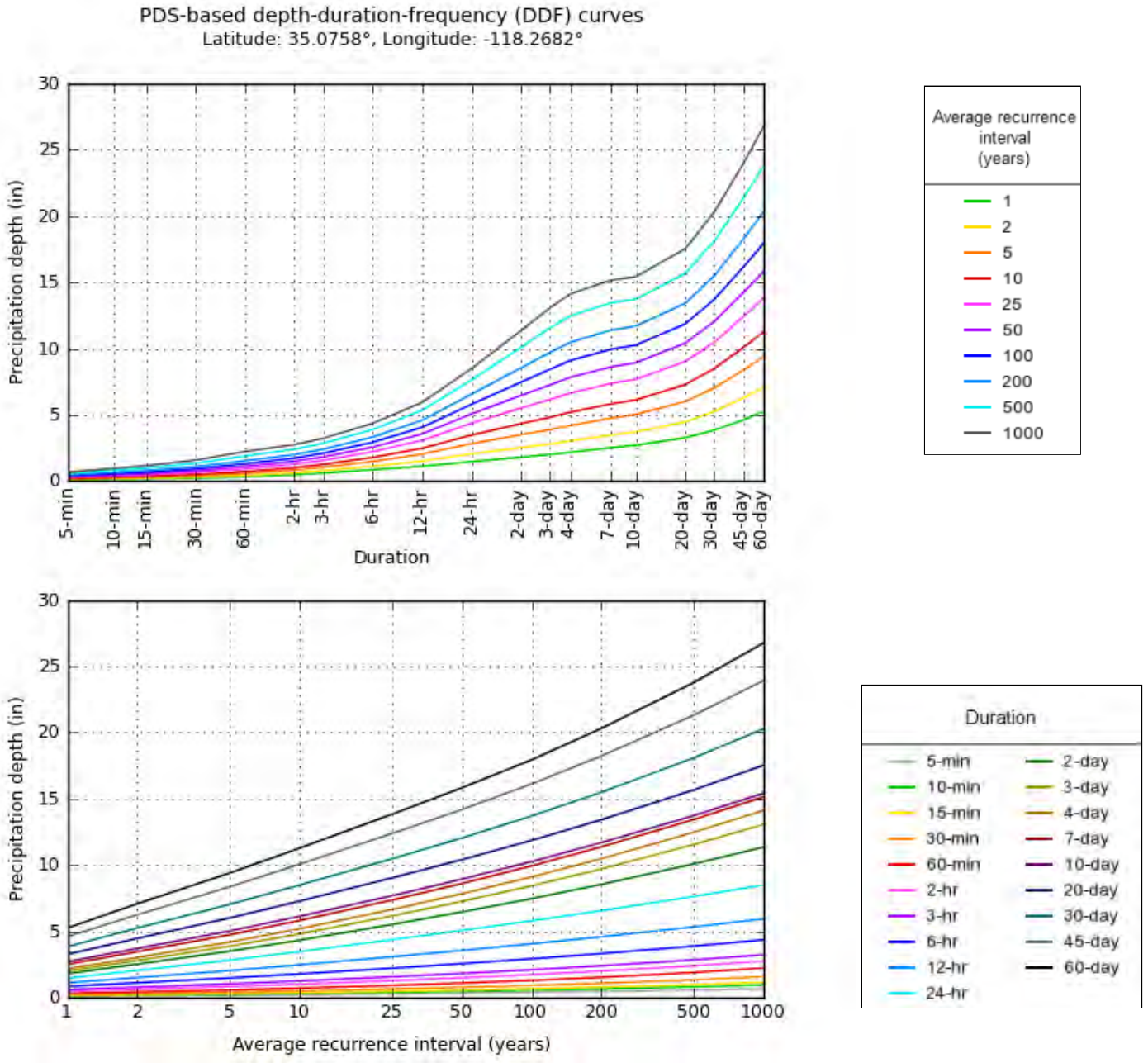
[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at low er and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) w ill be greater than the upper bound (or less than the low er bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

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PF graphical



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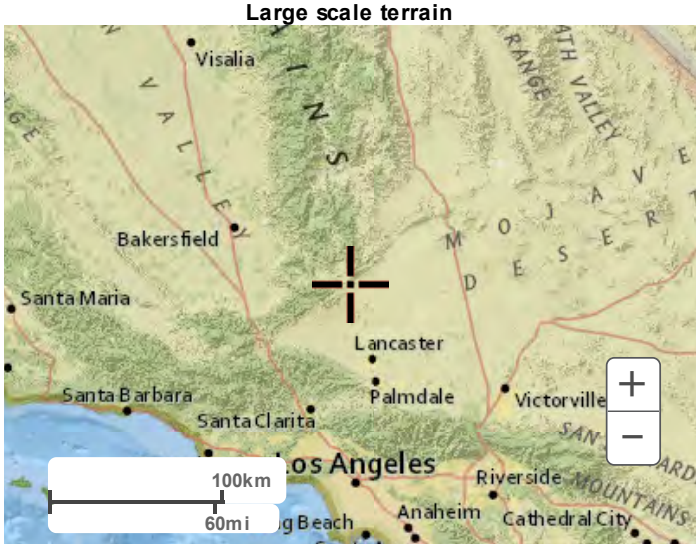
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Maps & aerials

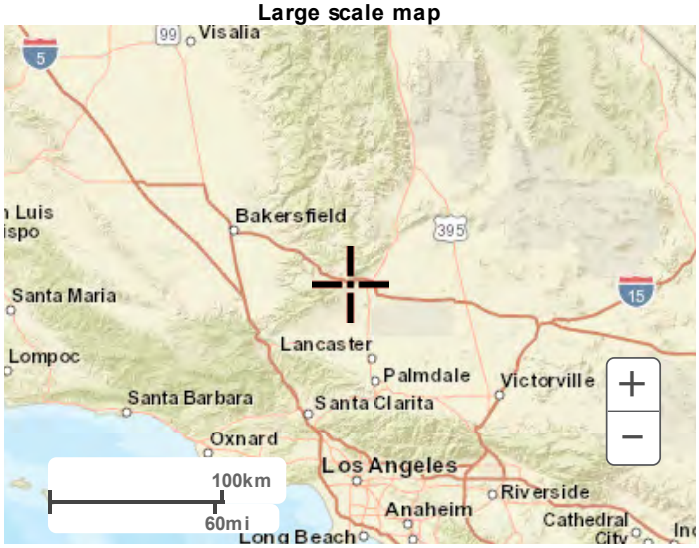
Small scale terrain



Large scale terrain



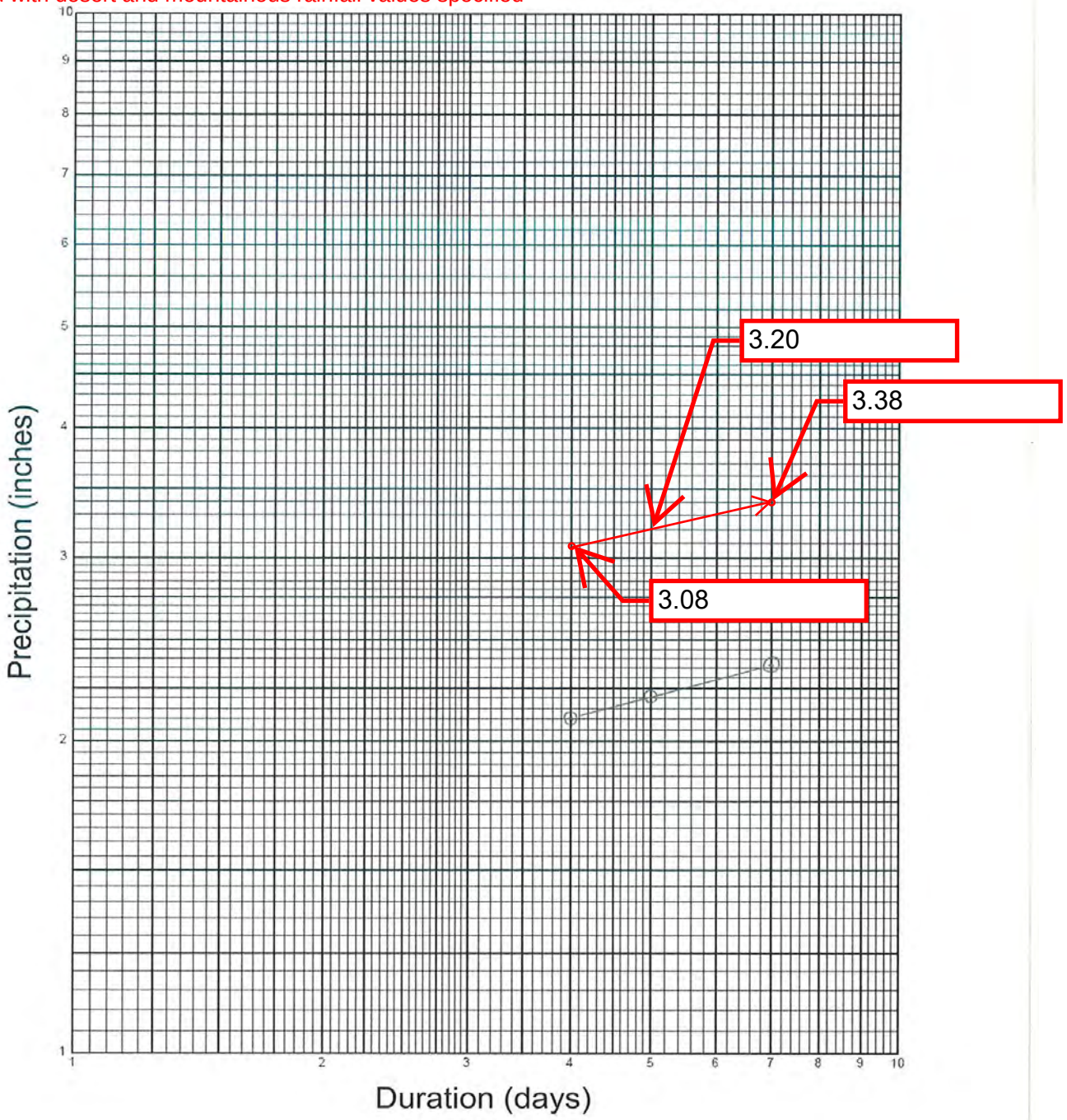
Large scale map



Large scale aerial

6) Select 10yr 4day rainfall depth – **2.10** and 10yr 7 day rainfall depth – **2.36**
7) Plot points on log–log graph paper.

In general, it is not advised to use an average rainfall value over the watershed. Runoff generation is affected by slope, time of concentration, and lag parameters. Using average rainfall values will not produce accurate volume and peak flow output data. However, for this planning level assessment, using an average rainfall value is acceptable. For final design, a distributed rainfall should be used with desert and mountainous rainfall values specified



8) Read the solution for the 10 yr 5 day depth of rainfall– **2.20 inches**



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Appendix D

Kern County Hydrology Manual Excerpts

Residential Landscaping (Lawn, Shrubs, etc.) - The pervious portions of commercial establishments, single and multiple family dwellings, trailer parks and schools where the predominant land cover is lawn, shrubbery and trees.

Row Crops - Lettuce, tomatoes, beets, tulips or any field crop planted in rows far enough apart that most of the soil surface is exposed to rainfall impact throughout the growing season. At plowing, planting and harvest times it is equivalent to fallow.

Small Grain - Wheat, oats, barley, flax, etc. planted in rows close enough that the soil surface is not exposed except during planting and shortly thereafter.

Legumes - Alfalfa, sweetclover, timothy, etc. and combinations are either planted in close rows or broadcast.

Fallow - Fallow land is land plowed but not yet seeded or tilled.

Woodland - grass - Areas with an open cover of broadleaf or coniferous trees usually live oak and pines, with the intervening ground space occupied by annual grasses or weeds. The trees may occur singly or in small clumps. Canopy density, the amount of ground surface shaded at high noon, is from 20 to 50 percent.

Woodland - Areas on which coniferous or broadleaf trees predominate. The canopy density is at least 50 percent. Open areas may have a cover of annual or perennial grasses or of brush. Herbaceous plant cover under the trees is usually sparse because of leaf or needle litter accumulation.

Chaparral - Land on which the principal vegetation consists of evergreen shrubs with broad, hard, stiff leaves such as manzonita, ceanothus and scrub oak. The brush cover is usually dense or moderately dense. Diffusely branched evergreen shrubs with fine needle-like leaves, such as chamise and redchank, with dense high growth are also included in this soil cover.

Annual Grass - Land on which the principal vegetation consists of annual grasses and weeds such as annual bromes, wild barley, soft chess, ryegrass and filaree.

Irrigated Pasture - Irrigated land planted to perennial grasses and legumes for production of forage and which is cultivated only to establish or renew the stand of plants. Dry land pasture is considered as annual grass.

Meadow - Land areas with seasonally high water table, locally called cienegas. Principal vegetation consists of sod-forming grasses interspersed with other plants.

Orchard (Deciduous) - Land planted to such deciduous trees as apples, apricots, pears, walnuts, and almonds.

Orchard (Evergreen) - Land planted to evergreen trees which include citrus and avocados and coniferous plantings.

Turf - Golf courses, parks and similar lands where the predominant cover is irrigated mowed close-grown turf grass. Parks in which trees are dense may be classified as woodland.

KERN COUNTY

HYDROLOGY MANUAL

SCS
COVER TYPE
DESCRIPTIONS

FIGURE C-1

Curve[1] Numbers of Hydrologic Soil-Cover Complexes For Pervious Areas-AMC II

Cover Type (3)	Quality of Cover (2)	Soil Group A	B	C	D
NATURAL COVERS -					
Barren (Rockland, eroded and graded land)		77	86	91	94
Chaparral, Broadleaf (Manzonita, ceanothus and scrub oak)	Poor	53	70	80	85
	Fair	40	63	75	81
	Good	31	57	71	78
Chaparral, Narrowleaf (Chamise and Redskank)	Poor	71	82	88	91
	Fair	55	72	81	86
Grass, Annual or Perennial	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80
Meadows or Cienagas (Areas with seasonally high water table, principal vegatation is sod forming grass)	Poor	63	77	85	88
	Fair	51	70	80	84
	Good	30	58	71	78
Open Brush (Soft wood shrubs-buckwheat,sage,etc.)	Poor	62	76	84	88
	Fair	46	66	77	83
	Good	41	63	75	81
Woodland (4) (Coniferous or broadleaf trees predominate. Canopy density is at least 50 percent)	Poor	45	66	77	83
	Fair	36	60	73	79
	Good	30	55	70	77
Woodland, Grass (Coniferous or broadleaf trees with canopy density from 20 to 50 percent)	Poor	57	73	82	86
	Fair	43	65	76	82
	Good	32	58	72	79
URBAN COVERS -					
Residential or Commercial Landscaping (Lawns, shrubs, etc.)	Good	39	61	74	80
Turf (Irrigated and mowed grass)	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80

KERN COUNTY
Hydrology Manual

CURVE NUMBERS FOR PERVIOUS AREAS

Curve[1] Numbers of Hydrologic Soil-Cover Complexes For Pervious Areas-AMC II

Cover Type (3)	Quality of Cover (2)	Soil Group A	B	C	D
AGRICULTURAL COVERS -					
Fallow (Bare Soil)		77	86	91	94
Close Seeded (alfalfa, sweetclover, timothy, etc.)	Poor	66	77	85	89
	Good	58	72	81	85
Orchards, Evergreen (Citrus, avacodos, etc.)	Poor	57	73	82	86
	Fair	43	65	76	82
	Good	32	58	72	79
Pasture (Grassland or range, continuos forage for grazing)	Poor	68	79	86	89
	Fair	49	69	79	84
	Good	39	61	74	80
Row Crops (Straight row, non-contoured)	Poor	72	81	88	91
	Good	67	78	85	89
Small Grain (Straight row, non-contoured)	Poor	65	76	84	88
	Good	63	75	83	87

Notes:

1. Average runoff condition, Ia = 0.2(S)

2. Poor: Heavily grazed, regularly burned areas, or areas of high burn potential. Less than 50 percent of the ground surface is protected by plant cover or brush and tree canopy.

   Fair: Moderate cover with 50 percent to 75 percent of the ground surface protected. In wooded areas the woods are grazed but not burned, and some forest litter covers the soil.

   Good: Heavy or dense cover with more than 75 percent of the ground surface protected. In wooded areas the woods are protected from grazing, litter and brush adequately cover soil.

3. See Figure C-1 for definition of cover types.

KERN COUNTY
Hydrology Manual

CURVE NUMBERS FOR PERVIOUS AREAS

ACTUAL IMPERVIOUS COVER

Land Use	Range-Percent	Recommended Value For Average Conditions-Percent (1)
Natural or Agriculture	0 - 0	0
Public Park	10 - 25	15
School	30 - 50	40
Single Family Residential: (2)		
2.5 acre lots	5 - 15	10
1 acre lots	10 - 25	20
2-3 DU/acre	20 - 40	30
3-5 DU/acre	30 - 50	40
5-8 DU/acre	35 - 55	50
8-10 DU/acre	50 - 70	60
More than 10 DU/acre	65 - 90	80
Multiple Family Residential:		
Condominiums	45 - 70	65
Apartments	65 - 90	80
Mobile Home Parks	60 - 85	75
Commercial, Downtown Business or Industrial	80 - 100	90

Notes:

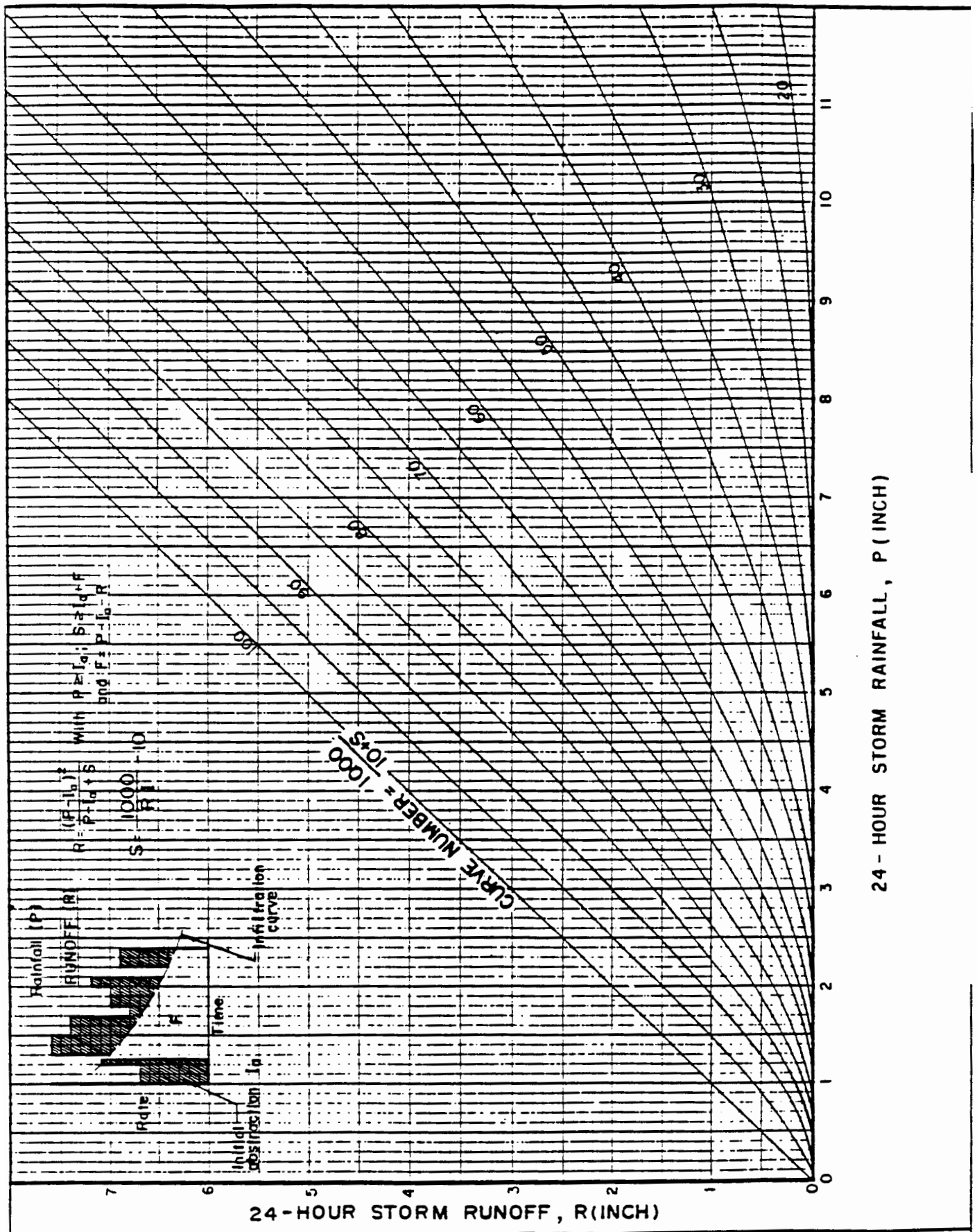
1) Recommended values are based on average conditions which may not apply to a particular study. The percentage impervious may vary greatly even on comparable study sized lots due to differences in in dwelling size, improvements, etc. Landscape practices should also be considered as it is common in some areas to use ornamental gravels underlain by impervious plastic materials in place of lawns and shrubs. A field investigation of a study area shall always be made, and a review of aerial photos, where available, may assist in estimating the percentage of impervious cover in developed areas.

2) For typical equestrian subdivisions increase impervious area 5% over the values recommended in the table above.

KERN COUNTY
Hydrology Manual

ACTUAL IMPERVIOUS COVER FOR DEVELOPED AREAS

FIGURE C-3

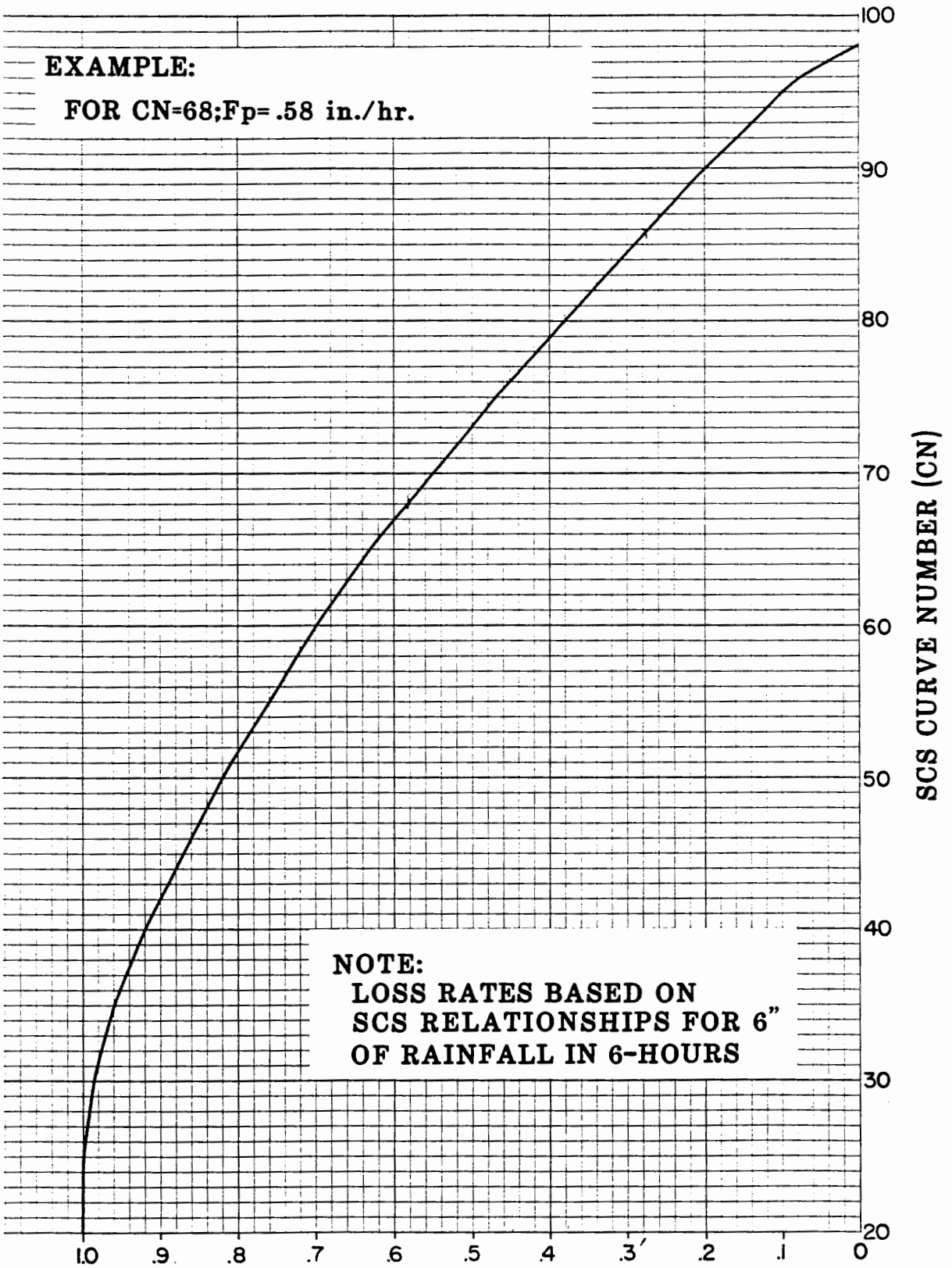


KERN COUNTY

HYDROLOGY MANUAL

SCS 24 - HOUR STORM RAINFALL - RUNOFF RELATIONSHIPS

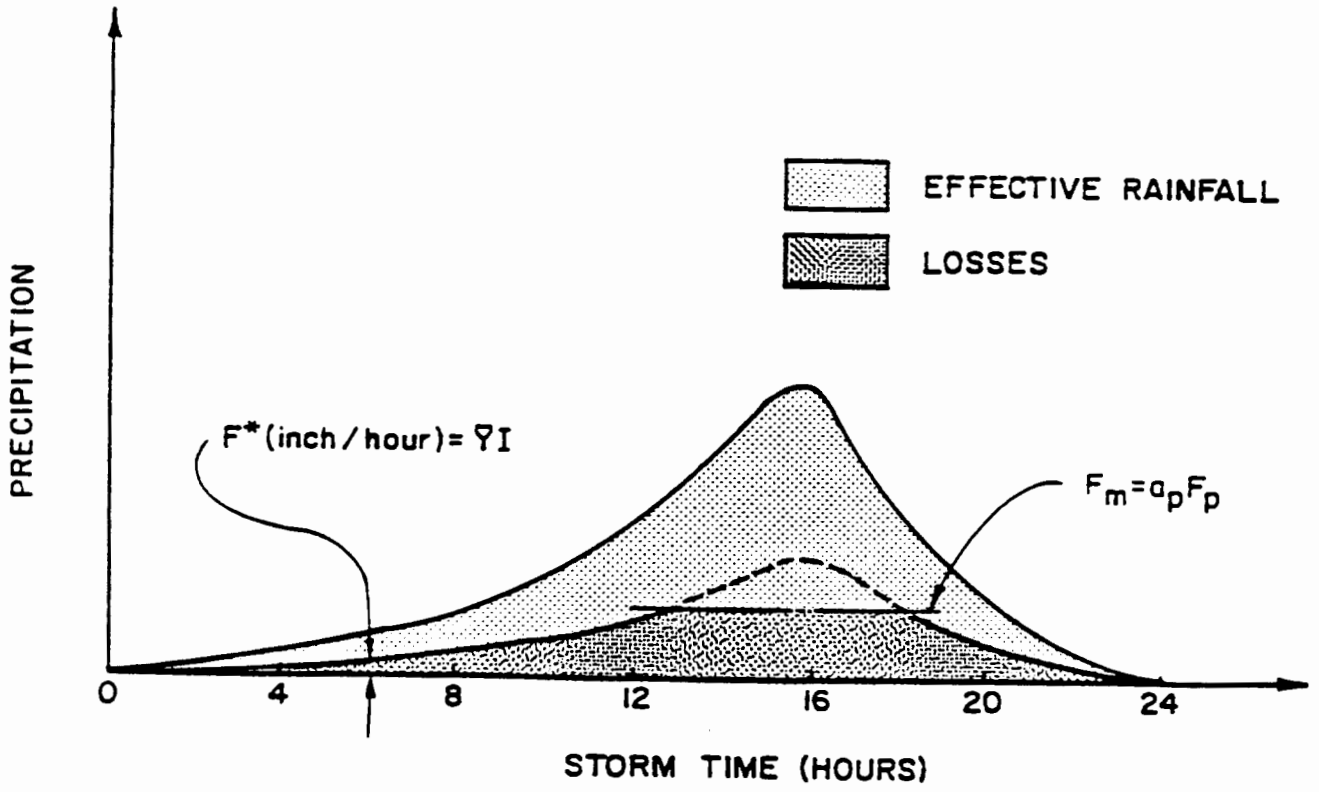
FIGURE C-4



KERN COUNTY
Hydrology Manual

INFILTRATION RATE FOR PERVIOUS AREAS VERSUS SCS CURVE NUMBERS

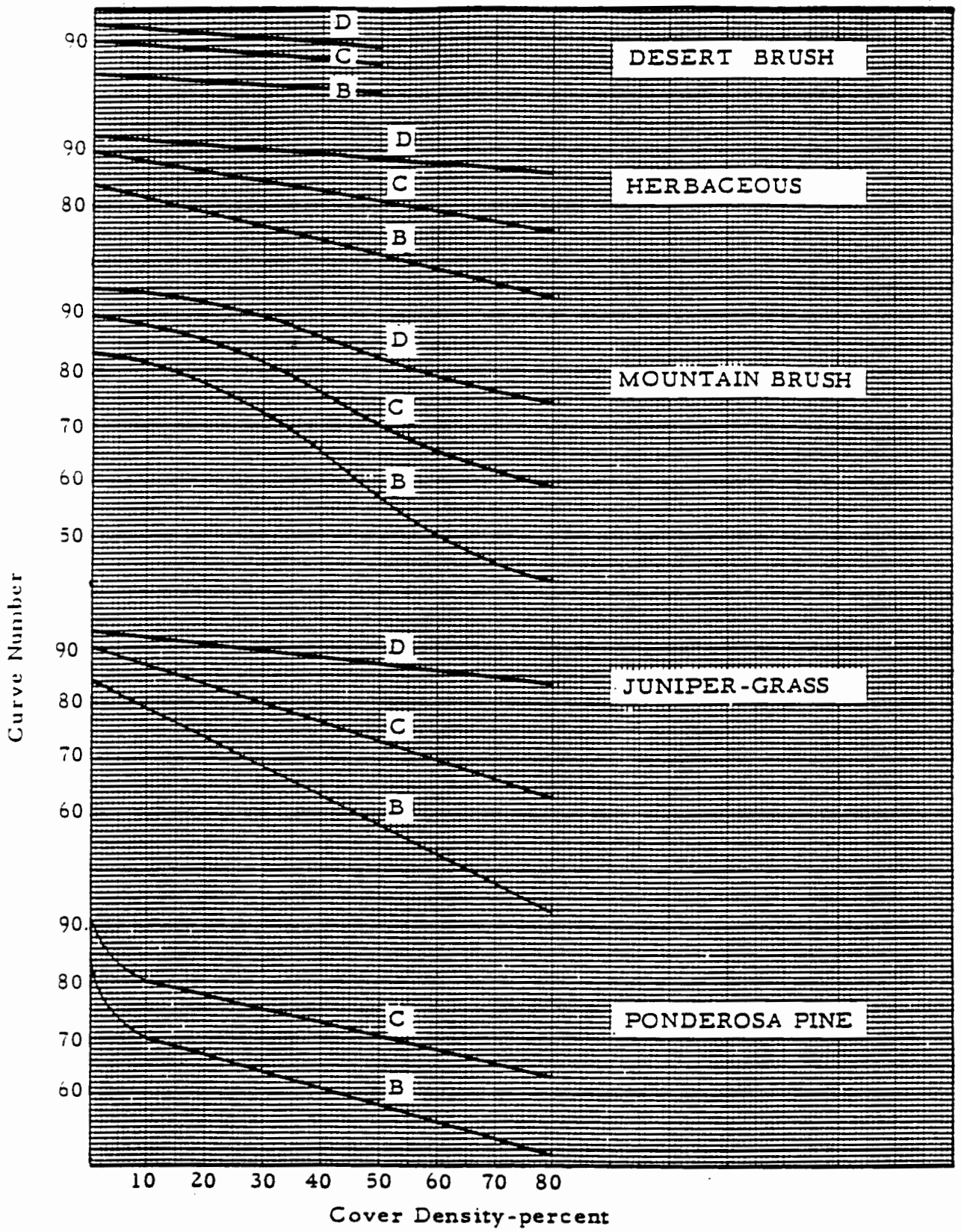
FIGURE C-5



KERN COUNTY
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DESIGN STORM
LOSS FUNCTION

FIGURE C-6



KERN COUNTY

HYDROLOGY MANUAL

HYDROLOGIC SOIL COVER COMPLEXES AND ASSOCIATED CURVE NUMBERS

FIGURE C-7

Section C
Equations

List of Equations

Equation No.	Equation
C.1	$Ia = 0.2S$
C.2	$S = \frac{1000}{CN} - 10$
C.3	$Y_j = \frac{(P_{24} - Ia)^2}{(P_{24} - Ia + S)P_{24}}$
C.4	$Y = \frac{Y_1 A_1 + ... + Y_m A_m}{A_1 + A_2 + ... + A_m}$
C.5	$\overline{Y} = 1 - Y$
C.6	$F* = \overline{Y} \cdot I$
C.7	$Fm = a_p F_p$

Variables

Ia	Initial Abstraction (inches)
S	Estimate soil capacity
CN	Area Curve Number
Y_j	Yield fraction for 24-hour storm runoff
Y	Yield
$\overline{Y}$	Catchment low loss fraction

Appendix E

Kern County Development Standards: Standards for Drainage

DIVISION FOUR

STANDARDS FOR DRAINAGE

CHAPTER I. GENERAL

Sec. 401-1 General Purpose

401-1.01 It is the general purpose of these standards that waters generated by storms, springs, or other sources be mitigated so as to provide reasonable levels of protection for life and property, and the maintenance of necessary access to property or passage of the traveling public on the public highways.

401-1.02 To meet this general purpose, it is necessary that these standards reasonably protect life from the direct effects of flood waters, the indirect health effects associated with stagnating water, and the attractive nuisance provided by standing waters. It is necessary to reasonably protect property from the damaging effects of flood waters. Property access for the ingress and egress of emergency vehicles, or the general public should be reasonably provided. The passage of public vehicles on the public highways should also be reasonably ensured.

401-1.03 In general, the mitigation measures for the protection of life and property, and the maintenance of emergency vehicle access are based upon the Capital Storm Design Discharge (CSDD). The issues related to property access (by the public) and passage on public highways, and local drainage facility design are based upon the Intermediate Storm Design Discharge (ISDD).

401-1.04 The design standards in this section are to be deemed to be minimal, and shall not limit the design engineer from using higher standards based upon the engineer's assessment of the protection needs of the development. Alternatives are permissible which are determined by the Director to be of equal or higher quality.

401-1.05 The Director may allow such exceptions as he may find to be reasonably required by the specific circumstances, to be in the public interest and in conformity with the general objectives of these standards.

401-1.06 Special circumstances may exist that require additional mitigation above and beyond these standards as determined by the Director.

Sec. 401-2 Maintenance

401-2.01 All facilities intended for public maintenance shall be designed and constructed subject to the approval of the Director and the maintenance entity, or these standards, whichever is more conservative.

401-2.02 All drainage facilities intended for private maintenance shall provide a maintenance plan, subject to the approval of the Director. All such facility maintenance plans shall include, but not be limited to: (a) schedule of cleaning (or clearing), (b) mosquito and vector abatement measures (if applicable), (c) pump maintenance schedule (if applicable), (d) notarized statement by the owner(s) acknowledging his/her/their responsibility and intent to maintain the proposed facility in accordance with the approved maintenance schedule.

401-2.03 Subdivisions with privately maintained streets shall have the drainage facilities maintained by a homeowners association or other entity which has the ability to assess fees for maintenance.

CHAPTER II. DEFINITIONS

Sec. 402-1 Definitions:

402-1.01 **AGENCY**: refers to the Department of the County of Kern with jurisdiction.

402.1.02 **ALLUVIAL FAN**: is a landform originating at an apex and characterized by high-velocity flows; active processes of erosion, sediment transport, and deposition; and unpredictable flow paths.

402-1.03 **APEX**: means a point on an alluvial fan or similar landform below which the flow path of the major stream that formed the fan becomes unpredictable and alluvial fan flooding can occur.

402-1.04 **CAPITAL STORM DESIGN DISCHARGE (CSDD)**: is that flow determined based upon a precipitation event having a one percent probability of being equaled or exceeded in any given year, commonly referred to as the 100 year storm.

402-1.05 **CLOSED CONDUIT**: is any system of underground drainage facilities, other than culverts.

402-1.06 **COMPREHENSIVE DRAINAGE PLAN**: refers to a storm water runoff mitigation plan for multi-phase developments. Such a plan need not be adopted by the County, but will be kept on file by the Director.

402-1.07 **CONSTRUCTED CHANNEL**: refers to the physical modification of natural channels or the construction of channels.

402-1.08 **CONTROL FACILITY**: are those hydraulic structures which mitigate the effects of surface runoff resulting from development, flow pattern modification, or flood flows.

402-1.09 **CULVERT**: is a hydraulically short conduit which conveys storm runoff flows through a roadway embankment or past some other type of flow obstruction.

402-1.10 **DESIGN PONDING DEPTH**: is the depth to which the design volume will pond in a storm water basin.

402-1.11 **DETENTION BASIN**: is a storm water facility designed to affect flood hydrograph peak attenuation.

402-1.12 **EMBANKMENT AREA**: is an area of compacted fill material.

402-1.13 **ENCROACHMENT:** refers to any change in land use that materially alters the lands flow conveyance potential.

402-1.14 **FLOOD CONTROL PLAN**: is a plan for the mitigation of flood flows originating from off-site watersheds, or resulting from on-site development.

402-1.15 **FLOOD FLOW**: shall be considered to be the CSDD for reference in these standards.

402-1.16 **FLOW PATTERN**: refers to any physical tracing resultant from the historic or existing runoff of water.

402-1.17 **INTERMEDIATE STORM DESIGN DISCHARGE (ISDD**): is that flow determined based upon a precipitation event having a ten percent probability of being equaled or exceeded in any given year, commonly referred to as the ten-year storm.

402-1.18 **LEVEE**: is an embankment whose primary purpose is to furnish drainage or flood protection from storm water runoff and which is, therefore, subject to water loading for periods of only a few days or weeks a year.

402-1.19 **MASTER DRAINAGE PLAN**: refers to a comprehensive drainage plan or flood control plan adopted by the County which includes adopted funding mechanisms.

402-1.20 **NATURAL CHANNEL**: is a flow pattern characterized by incised flow channelization with well defined banks and including the overbank flow areas.

402-1.21 **NUISANCE FLOW**: shall be considered as those waters originating from within, or adjacent to, the development not resulting from storm runoff.

402-1.22 **ONE PERCENT RISK FLOW**: is the flow on an alluvial fan based upon the joint probability of the flow distribution at the fan apex and the probability of occurring at the development site.

402-1.23 **REASONABLE:** in the context of this section refers to the balancing of the utility of the facilities or circumstances described against the gravity of the potential for harm.

402-1.24 **RETENTION BASIN**: is a terminal storm water facility for the storage of runoff. Commonly referred to as a sump.

402-1.25 **RETARDATION BASIN**: Synonymous with Detention Basin.

402-1.26 **SLOPE EASEMENT**: shall include the horizontal dimension from the top to toe of slope plus the setback requirements specified by the Grading Ordinance.

402-1.27 **SOILS ENGINEER (GEOTECHNICAL ENGINEER):** shall mean an engineer experienced and knowledgeable in the practice of soils engineering (geotechnical engineering).

402-1.28 **SOILS ENGINEERING (GEOTECHNICAL ENGINEERING):** shall mean the application of the principles of soil mechanics in the investigation, evaluation and design of civil works involving the use of earth materials and the inspection and/or testing of the construction thereof.

402-1.29 **STRESS AREA**: refers to those locations where the erosion potential is greater than a straight, uniform channel reach, and includes junctions, transitions, and curves.

402-1-30 **WATERWAY**: refers to any natural channel, artificial channel or closed conduit, which provides a course for drainage water to flow.

Sec. 402-2 Off-Site Capital Storm Design Discharge (CSDD) Mitigation

The CSDD flow determined from the off-site watershed shall consider the total area of the off-site watershed. The watershed development condition may be considered in its existing condition at the time of the proposed development if no control facilities mitigating surface runoff exist, and as undeveloped if adequate control facilities mitigating surface runoff exist.

The design of all structures within the development shall be protected to a minimum of one (1) foot above the water surface associated with the CSDD.

The CSDD flow shall be received into the development without diversion onto adjacent property or causing more than one foot rise in pre-development water surface, and shall be discharged in a manner as similar as possible to the existing condition downstream of the development.

Sec. 402-3 Off-Site Intermediate Storm Design Discharge (ISDD) Mitigation

The ISDD flow shall be based upon the uncontrolled developed watershed proximate to the development when no defined flow pattern exists. When a flow pattern is defined, the ISDD flow determination shall include the total watershed contributing to the flow pattern.

The off-site ISDD shall be mitigated in conjunction with requirements for on-site ISDD flows.

Sec. 402-4 Hydrologic Flow Determinations

The CSDD and ISDD flows shall be calculated in accordance with the current Kern County Hydrology Manual.

CHAPTER III. DRAINAGE PLANS

Sec. 403-1 Authority

403-1.01 County Master Drainage Plans

The County administers master drainage plans (MDP) over some portions of the County. In these MDP areas, the design hydrology is governed by the assumption made and methodology used, in the development of the MDP or its most recent revision. Modifications to the MDP's assumed land uses may result in the requirement of additional permanent facilities being constructed to mitigate unanticipated runoff.

If MDP planned facilities have not been constructed at the time of site development, then temporary facilities will be required to be

constructed by the Developer. Such facilities may be abandoned upon completion of the MDP facilities intended to serve the site.

403-1.02 Special Districts

Special Districts, such as Community Service Districts, may prepare comprehensive drainage and/or flood control plans for areas under their jurisdiction. Such plans are subject to the review and approval of the County.

If the Special Districts planned facilities have not been constructed at the time of site development, then temporary facilities will be required to be constructed. Such facilities may be abandoned upon completion of the planned facilities intended to serve the site.

County Service Areas are typically required to be formed for the maintenance of drainage facilities in the absence of another maintenance entity.

403-1.03 Subdivisions

These standards shall apply to the drainage/floodplain management requirements specified for subdivisions improvements in the County's Land Division Ordinance.

If the subdivisions storm runoff mitigation measures are to be constructed as part of a comprehensive drainage plan, then each phase of the development shall be designed to function independently or in conjunction with completed development phases.

403-1.04 Mobile Home/Recreational Vehicle Parks

These standards shall apply to the drainage/floodplain management review of Mobile Home/Recreational Vehicle Parks specified in the County's Zoning Ordinance.

403-1.05 Site Development

These standards shall apply to the drainage/floodplain management requirements specified for site development in the County's Building Code, Grading Code, Floodplain Management Ordinance, and all other pertinent County Ordinances.

CHAPTER IV. ALLUVIAL FAN DEVELOPMENT

Sec. 404-1 Development Policy

Development upon an alluvial fan shall mitigate the effects of the flow at the site of development, which has a one-percent risk of being equaled or exceeded in any given year. Such mitigation shall ensure that the one-percent risk flow will be received into the development site, without causing more than one foot of water surface rise resulting from encroachment at the development site, and discharge the one percent risk flow in a manner, as close as possible, to the flow pattern existing prior to development of the site.

Sec. 404-2 Flood Control Facility Requirements

The design of structural flood control measures on alluvial fans shall demonstrate that the measures will effectively eliminate alluvial fan flood hazards from the area protected by such measures. The provided analyses must include, but are not limited to, the following:

404-2.01 Engineering analyses that quantify the discharges and volumes of water, debris, and sediment movement associated with the flood that has a one percent probability of being exceeded in any year at the apex under current watershed conditions and under potential adverse conditions (e.g., deforestation of the watershed by fire). The potential for debris flow and sediment movement must be assessed using an engineering method acceptable to the Director and Federal Emergency Management Agency (FEMA). The assessment should consider the characteristics and availability of sediment in the drainage basin above the apex and on the alluvial fan.

404-2.02 Engineering analyses showing that the measures will accommodate the estimated peak discharges and volumes of water, debris, and sediment, as determined in accordance with Section 404-2.01, and will withstand the associated hydrodynamic and hydrostatic forces.

404-2.03 Engineering analyses showing that the measures have been designed to withstand the potential erosion and scour associated with estimated discharges.

404-2.04 Engineering analyses or evidence showing that the measures will provide protection from hazards associated with the possible relocation of flow paths from other parts of the fan.

404-2.05 Engineering analyses that assess the effect of the project on flood hazards, including depth and velocity of floodwaters and scour and sediment deposition, on other areas of the fan.

404-2.06 Engineering analyses demonstrating that flooding from sources other than the fan apex, including local runoff, is either insignificant or has been accounted for in the design.

CHAPTER V. STREET DRAINAGE

Sec. 405-1 Design Flow

405-1.01 The ISDD shall include the evaluation of both on-site and off-site watersheds when applicable.

405-1.02 Street Conveyance

1. For Type "A" subdivisions, the ISDD may exceed the top of a six (6) inch curb by 0.10 feet.

2. For Type "B" subdivisions, the depth of flow contained within the road right of way shall not exceed 0.60 feet for the ISDD.

3. The depth of flow for the CSDD on major and secondary highways shall be maintained as not to prohibit reasonable access.

4. For mobile home/recreational vehicle parks, the depth of flow for the ISDD shall not exceed the carrying capacity of the travel way.

5. Where the discharge exceeds the above mentioned limits, a stormdrain or other facilities shall be provided to convey the excess flows.

6. The drainage system shall be free flowing and shall not allow the retention of more than one (1) foot of water measured at the flowline after the flows have subsided.

405-1.03 Sedimentation

In areas suspected of significant sediment yield from an ISDD, the following shall apply:

1. The developer’s engineer shall quantify any sediment yield from on-site or off-site properties based upon the ISDD.

2. Sediment yield shall be independent of the runoff event and is to be mitigated separate from the design discharge.

3. Sediment shall not be deposited on the roadway.

4. Higher levels of mitigation may be required in mudslide-mudflow areas.

405-1.04 Erosion

1. Erosion protection measures based on the ISDD shall be established upstream, downstream and through the project by the developer's engineer subject to approval by the Director.

CHAPTER VI. CULVERTS, BRIDGES AND AT-GRADE-CROSSINGS

Sec. 406-1 General

406-1.01 All publicly maintained crossings of natural channels shall be bridged or culverted. The minimum length of any culvert shall be from toe-of-slope to toe-of-slope. Additional right-of-way may be required for maintenance of these facilities.

406-1.02 Roadways shall be required to bridge a floodway where encroachment of the floodway is prohibited.

406-1.03 Energy losses for bridge piers, interior walls for multiple box culverts, or other obstructions within the channel shall be predicated upon the obstruction width plus two (2) feet of debris allowance for each obstruction.

Sec. 406-2 Culverts

406-2.01 The ISDD for the total upstream watershed under existing conditions shall not exceed soffit of culvert.

406-2.02 The CSDD for the total upstream watershed under existing conditions will be allowed to overtop the roadway until 2.0 feet of specific energy is obtained, at which point additional culverts will be required to meet these minimum requirements.

406-2.03 The 2.0 feet of specific energy shall be calculated at the crown or high point of the traveled roadway.

406-2.04 The minimum size of any culvert under a publicly maintained roadway shall be 18 inches. For private roads or public access, which are privately maintained, this requirement may be waived.

406-2.05 Culverts shall be designed to have a minimum useful life of 50 years.

Sec. 406-3 Bridges

406-3.01 The lowest portion of the bridge span shall be one foot or 0.2 times the specific energy (whichever is greater) above the water surface elevation when the normal depth of flow for the CSDD is subcritical.

406-3.02 The lowest portion of the bridge span shall be one foot or 0.2 times the specific energy (whichever is greater) above the sequent flow depth when the normal depth of flow for the CSDD is supercritical.

406-3.03 When levee conditions exist, the lowest portion of the bridge span shall also meet the minimum freeboard requirements of the levee.

Sec. 406-4 At-Grade-Crossings

406-4.01 At-grade-crossings shall not be permitted on a publicly maintained roadway and shall not encroach upon a floodway.

CHAPTER VII. CLOSED CONDUIT SYSTEMS, CATCH BASINS

Sec. 407-1 Design

407-1.01 Closed conduit system shall be designed for the total ISDD flow less allowable street flow. (see Chapter V Street Drainage)

407-1.02 A closed conduit system intended to serve on-site lot development shall be designed for the total ISDD originating on-site.

407-1.03 Closed conduit system shall be designed to have a minimum useful life of 50 years.

407-1.04 The minimum size of a closed conduit system within the street right-of-way or intended for public maintenance shall be 18 inches.

407-1.05 The minimum size of a closed conduit system outside of the street right-of-way and intended to be privately maintained shall be eight (8) inches.

407-1.06 The minimum cover over any closed conduit system shall be 24 inches. The minimum cover required within the street right-of-way shall be 30 inches.

407-1.07 Closed conduit system shall be free flowing with no continuous standing water within the pipe.

407-1.08 The designed pipe size shall not be allowed to decrease as the system progresses downstream.

407-1.09 The minimum slope of any closed conduit system shall be .001(.10 percent) unless otherwise approved by the Director.

407-1.10 The hydrologic tie-in design criteria for the closed conduit system shall be based on equal recurrence.

407-1.11 Closed conduit system within the street right-of-way or intended for public maintenance shall be Class III reinforced concrete pipe with rubber gasket joints, or cast-in-place concrete pipe unless otherwise approved or required by the Director.

407-1.12 The developer's engineer shall plot the hydraulic grade line and the energy grade line profiles for the closed conduit system either on a set of, or on the original, street improvement plans. All calculations and related data for these profiles shall be included with the street improvement plans when submitted.

Sec. 407-2 Location

407-2.01 A publicly maintained closed conduit system shall be placed within the road right-of-way or easement unless otherwise approved by the Director.

407-2.02 The alignment of a publicly maintained closed conduit system shall be parallel or perpendicular with the centerline of the road unless otherwise approved by the Director.

Sec. 407-3 Freeboard

Within the closed conduit system, the hydraulic grade line shall be at least 0.5 feet below all inlet flowline elevations, and 0.5 feet below the top of non-pressure manholes.

Sec. 407-4 Manholes

407-4.01 Within the closed conduit system, manholes shall be provided at all junctions, bends, and at intervals prescribed below:

a. Manholes shall be provided at intervals no greater than 300 feet where the conduit diameter is less than or equal to 30 inches.

b. Manholes shall be provided at intervals no greater than 400 feet where the conduit diameter is larger than 30 inches, but smaller than 48 inches.

c. Manholes shall be provided at intervals no greater than 500 feet where the conduit diameter is 48 inches or larger.

407-4.02 A pressure manhole shaft and a pressure cover shall be installed in a closed conduit system whenever the energy grade line is less than 0.50 below the top of the manhole.

Sec. 407-5 Losses

In addition to normal friction losses, energy losses due to entrance and exit conditions, bends, junctions, and transitions shall be computed. The engineer shall supply all data and reference material for calculated losses subject to review and approval by the Director.

Sec. 407-6 Erosion

407-6.01 Velocities within the closed conduit system should not exceed 20 feet per second with standard wall RCP, or 10 feet per second for plastic pipe. Where velocities exceed 20 feet per second for RCP, or 10 feet per second for plastic pipe, a special pipe shall be installed as approved by the Director.

407-6.02 Erosion protection against scour velocities shall be provided at the inlet and outlet of the closed conduit system. The engineer shall supply all data and reference material supporting his/her design, subject to approval by the Director.

Sec. 407-7 Catch Basins

407-7.01 The inlet design at closed conduit systems (i.e., location, depression, capacity, structural, etc.) shall be subject to review and approval by the Director.

407-7.02 Grate type inlets to the closed conduit system within the street right-of-way shall be allowed only in conjunction with side curb openings and shall be bicycle safe.

407-7.03 The minimum width of opening for any catch basin intended to be publicly maintained shall be three (3) feet and six (6) inches (3.5').

Sec. 407-8 Rights-of-Way/Easements

407-8.01 A right-of-way sufficient to contain the closed conduit and appurtenances plus a minimum of five feet on each side, measured from the edge of the conduit or drainage structure, shall be provided but in no case shall the right-of-way be less than 15-feet in width. Whenever possible, rights-of-way for conduits shall be adjacent to property lines and outside areas where structures are planned. Under no circumstances shall closed conduits and appurtenances be constructed less than 10-feet from any planned or existing structure.

407-8.02 Easements will be required on all closed conduit systems outside of the street right-of-way, which are intended for public maintenance.

407-8.3 Land rights shall be conveyed to the County in one of the following forms, whichever is appropriate:

1. Separate parcel easement dedicated on a subdivision map.
2. Easement dedicated on a subdivision map as part of adjacent lots.
3. Fee simple or easement offered or granted by separate documents.

CHAPTER VIII. RETENTION BASIN DESIGN

Sec. 408-1 Design Volume

The design volume of storm water retention basins shall be based upon the runoff from the ISDD five-day storm event and a volume of nuisance water determined by the engineer. No runoff generated on site from the design storm or from nuisance flows will be allowed to leave the site unless downstream drainage disposal facilities exist to handle the flow. The retention of upstream off-site flows shall not be considered to reduce the size of the required on-site retention facilities or mitigate the runoff from the proposed development. An evaluation of the runoff volumes associated with the site in its existing condition shall not reduce the size of the required drainage facilities. The runoff volume from the ISDD five-day storm shall be calculated using the formula:

$$\text{Runoff Volume} = 0.12\ (D_{10})(a_i)(\text{Area})$$

D_{10}	=	10 yr 24-hr. depth of rainfall (in.)
a_i	=	average percentage of impervious area
Area	=	Drainage area of total development
0.12	=	1.44 x 1/12
1.44	=	5 day mass ratio (KC Hydrology Manual, Table B-1)
1/12	=	Conversion of rainfall depth in inches to feet

Sec. 408-2 Hydraulic Design

In the absence of a hydrologic volume routing analysis, the storm drain hydraulic grade line calculations shall assume that 50% of the design storm volume and 100% of the nuisance volume is in the basin when the peak flow rates occur.

Sec. 408-3 Freeboard

Freeboard shall be required for all retention basins having a design water depth exceeding 18 inches. Six (6) inches of freeboard will be required when the design ponding depth within the basin is four (4) feet or less. For basins with a design ponding depth greater than four (4) feet the amount of freeboard required shall be one (1) foot. Freeboard shall be measured from the lowest gutter inlet or top of bank, whichever is lower.

Sec. 408-4 Fencing

Retention basins shall be fenced and provided with gated access when the design ponding depth exceeds 18 inches. All retention basins, regardless of ponding depth, that are maintained by the County or an entity administered by the County shall be enclosed by a six (6) foot high masonry block wall. Exceptions may be made, subject to the Director's approval, for certain master planned facilities intended for multi-purpose use.

408-4.01 The fence shall consist of a six (6) foot high chain link fence of 9 gage fabric with redwood slats or a six (6) foot masonry block wall or approved equal. Fence post footings shall have a minimum diameter of 12 inches and a minimum depth of 30 inches. Masonry block walls shall be designed in accordance with accepted engineering practices. Retaining walls used for basin fencing requirements shall have their design approved by the Director. See Plates R-77 thru R-82.

408-4.02 Fence setbacks measured from the top of slope shall provide a reasonable maintenance way for the equipment outlined in the maintenance plan. The following minimum setbacks shall apply:

Design ponding depth	Setback
$\leq$ 18 inches	2 feet
> 18 inches but $\leq$ 4 feet	5 feet
> 4 feet	10 feet
> 8 feet	10 feet (or in accordance with an approved maint-enance plan).

408-4.03 The basin access gate may be chain-link, wrought iron, or other as approved by the Director. The double gate is not to be attached directly to the masonry wall. The opening must be sufficient for the 14-foot double gate and anchor posts. If wrought iron is used, a metal

mesh privacy screen is to be securely attached to the double gate by rivets or equivalent as approved by the Director. Wrought iron double gates will also require a commercial grade latch or equivalent that can be locked with a County padlock (3/8" shackle diameter). See Plates D-11 for specific sizing and material requirements.

Sec. 408-5 Access

An equipment access ramp to the bottom of the retention basin shall be provided when the design depth exceeds 18 inches or when the facility is intended for County maintenance.

408-5.01 The ramp shall be a minimum of 12 feet wide with a maximum slope of 15%. The gate to the access ramp shall be 14 feet wide.

Exception - When the design ponding depth is $\leq$ 4 feet, the maximum slope on the ramp may be increased to 20%.

408-5.02 Ramps shall not be designed to convey drainage water into the sump.

408-5.03 The ramp alignment shall be no more than 45 degrees from the center of the access gate to facilitate maintenance equipment ingress and egress. Other proposed alignments shall have their design approved by the Director.

Sec. 408-6 Curbing and Rodent Barriers

408-6.01 In conjunction with fencing, a six (6) inch wide, eighteen (18) inch deep continuous concrete curb shall be provided around the top of the sump. The top of the curb shall be 0.5 feet above the highest adjacent grade. When the sump is fronting on a street, the top of the curbing shall be a minimum of one (1) foot above the top of the street curb. Ramped access across the curb shall be provided at all gated access points to the sump.

408-6.02 Rodent barriers will be required on the sides of the sump in proximity to open space, agricultural areas or lot one (1) acre or larger. The bottom of the rodent barrier shall be a minimum of 42 inches below finish grade.

Exception - Rodent barriers may be omitted when the design water depth is 4 feet or less.

Sec. 408-7 General Construction Requirements

408-7.01 General construction requirements for retention facilities shall be in accordance with Plates D-1, D-2, and D-3.

408-7.02 Retention facilities shall have the design volume contained entirely in cut.

408-7.03 Slopes shall be designed no steeper than is safe and no steeper than two (2) horizontal to one (1) vertical. A slope stability analysis will be required when the design water depth exceeds eight (8) feet and side slopes are steeper than 3:1.

408-7.04 The minimum bottom dimension for retention basins with a design depth greater than four (4) feet shall be 20 feet. For design water depths 4 feet or less, the minimum bottom width shall be no less than that required for maintenance equipment specified in the maintenance plan.

408-7.05 The maintenance way shall be sloped away from the top of bank at a minimum 2%.

408-7.06 Drainage basins intended for County maintenance shall be located on a lot dedicated exclusively for drainage/recreational purposes.

Sec. 408-8 Testing

408-8.01 Retention basins shall not be permitted unless it can be demonstrated, to the satisfaction of the Director, that the basin will completely drain the design volume within seven (7) days.

408-8.02 Testing of the proposed retention basin shall be provided by a Soils Engineer and shall include, but need not be limited to, an analysis of the soils boring logs and the establishment of the drainage rates of the soils encountered. A minimum of one (1) boring shall be logged within the proposed sump location. This boring shall be advanced below the invert of the basin to a depth equivalent to at least three (3) times the design ponding depth. Testing methods used to establish soil drainage rates shall be approved by the Director.

CHAPTER IX. DETENTION BASIN DESIGN

Sec. 409-1 Design Flow

The design flow into the basin shall be the ISDD five-day runoff hydrograph. Hydrograph design and mass ratios shall be in accordance with the Kern County Hydrology Manual. The out flow hydrograph shall not extend beyond five days from the end of the inflow hydrograph. Infiltration effects from the detention facility shall not be included in the calculation of the outflow hydrograph.

Sec. 409-2 Facility Design

Sizing and placement of detention facilities shall not aggravate the potential for downstream flooding.

Requirements for fencing, curbing, setbacks, access, and freeboard shall be in accordance with retention basin design.

409-2.01 Detention basins shall be provided with a concreted low flow bypass, or approved equivalent, for the conveyance of nuisance flows to the outlet.

409-2.02 An emergency spillway will be incorporated in the design of all detention basins.

Sec. 409-3 Sedimentation

Sediment yield shall be determined and mitigation provided by the developer's engineer.

Sec. 409-4 Duplex Pump Station (Wet Well) Design Specifications

Pumps used in conjunction with detention facilities shall have their design approved by the Director. Specific design criteria shall include the use of an automated duplex pump, and an alarm system. The pump system shall be designed to pass a minimum two (2) inch sphere and for reliability and low maintenance. Pump maintenance shall be included in the facility maintenance plan.

409-4.01 Pump station shall be designed to drain the sump in 5 to 7 days with one (1) pump running. However, the minimum flow rate shall be 100 gpm.

409-4.02 Pump station shall be a duplex system which automatically alternates between pumps at the end of each cycle.

409-4.03 The pump station shall either include a lag pump design or automatic controls, which will start the second pump if the first fails to pump.

409-4.04 Pumps shall be minimum one (1) HP.

409-4.05 Pump station shall be designed to allow easy removal of pumps for maintenance, without requiring personnel to enter into a wet well or similar enclosed structure. A "cage" style pump system, where the pump is located in a cage structure at the bottom of the basin, will not be allowed.

409-4.06 Pumps and pump station inlet structure shall be screened to prohibit plugging by debris.

409-4.07 The pump station (including the electrical/control panel) shall be located next to the entrance of the basin.

409-4.08 The receiver wet well shall consist of one 60” diameter concrete precast manhole sections with single offset R-3 rubber gasket joints per ASTM C-478, latest edition or approved equal. Duplex pump system shall be equipped with two 1HP (minimum), 115V, non-clog, explosion proof, sump pumps with alarm and alarm switch, check valves, ball valves, discharge line, pump lift out assembly, and electrical junction box. Include a 30” x 42” hatch with lockable, steel hinged access with safety grate.

409-4.09 The lifting assembly shall be best suited for the pump arrangement. All cables, etc. are to be stainless steel nylon coated. All slide metal surfaces must be considered non-sparking, by URL, to prevent spark ignition in wet well.

409-4.10 The valve vault shall consist of one 42” diameter concrete precast manhole section (conforming to ASTM C-478 with single offset R-3 gasket joints) with gate valves, swing check valves, and adjustable pipe supports or equivalent. Include a 24” x 24” hatch with lockable, hinged steel access door with safety grate.

409-4.11 Sump pump wiring shall be connected to a waterproof electrical control panel in a NEMA 3 enclosure or equivalent.

409-4.12 A four inch (4”) thick Class 2 concrete pad will be required to encompass the precast top slabs, manholes and control panel.

409-4.13 All electrical conduits and connectors shall be sealed water-tight and gas-tight using bitumastic paint.

409-4.14 All pipe or conduit wall penetrations shall be sealed with a neoprene seal.

409-4.15 All exposed steel (pipe, valves, flanges, elbows, and control box exterior) shall be primed with zinc-chromate primer and painted with an epoxy enamel finish. Color to be grey unless otherwise approved.

409-4.16 A water level staff shall be placed in the sump. The staff may be either anchored to the sideslope of the sump or be attached to the outlet structure, as approved by the Director. The bottom portion of the staff shall be painted black and white, alternating at one-foot increments, to an elevation equivalent to the half full-depth of the sump. The top portion of the staff shall be painted red and white, alternating at one-foot increments, to one foot above design water surface.

409-4.17 All controls shall be mounted in a NEMA (3) metal enclosure or equivalent. The control panel and all electrical components shall bear the Underwriter's Laboratory (UL) Label. All circuit breakers shall have operators extending through the control panel door. All motor starter overload resets, selector switches, push buttons and pilot lights shall be mounted on the control panel door. The control panel shall be enclosed in a vandal resistant enclosure with provisions for locking with a County's lock 3/8" shank pad lock or approved equal.

409-4.18 The control for each pump shall include a thermal magnetic circuit breaker, rotary hand-off-automatic switch, and magnetic motor starter with ambient compensated overload relays and quicktrip heaters. The pump control circuit shall include a door interlock switch to de-energize the control circuit when the control panel door is open, a control mounted transformer with fused 115 volt secondary, and a door mounted control circuit disconnect switch.

409-4.19 Pump operation shall be controlled by three (3) bulb type liquid level sensors. An intrinsically safe pilot circuit shall be provided for each level sensor to reduce the power to the sensor to a level incapable of releasing sufficient electrical or thermal energy to ignite explosive gases.

409-4.20 A fourth level sensor, with intrinsically safe circuit, shall be furnished for indication of high water alarm condition. High water alarm shall be indicated by a panel-mounted pilot light and external audible alarm with silence button.

409-4.21 The controls shall provide for lead/lag sequencing of the pumps, an automatic alternator shall alternate the lead/lag duty on each succeeding pump cycle. An outer pump seal leakage detection system shall be included in the control enclosure. When the motor probes sense the presence of moisture in the oil seal chamber, a

relay coil will illuminate a panel mounted indicating alarm lamp to indicate possible outer motor seal failure and the alarm light.

409-4.22 The pump station shall have a Hand-Off-Auto switch and an automatic low water shut-off, and have green (run) and red (alarm) indicator lights visible from the road/street.

409-4.23 Control panel shall contain hour meters for each pump.

409-4.24 Control panel shall contain a switched GFI 115 volt duplex electrical outlet.

409-4.25 Control panel shall include an emergency generator hook-up connection.

409-4.26 System Testing—Installed pumps, controls and pipes shall be tested in accordance with recommendations of the manufacturer prior to acceptance by the Kern County Engineering, Surveying & permit Services Department.

409-4.27 Prior to acceptance, two (2) complete operation and maintenance manuals, with wiring and interconnect diagrams for all equipment and controls, model and serial numbers of the sump pumps, and a set of as-built drawings on cronar shall be furnished to the County.

CHAPTER X. CONSTRUCTED CHANNEL DESIGN CRITERIA

Sec. 410-1 Design Flow

Constructed channels shall be designed to carry the CSDD plus freeboard.

Sec. 410-2 Freeboard

410-2.01 The minimum freeboard between the design water surface, and the top of bank of the channel shall be 0.50 feet or 0.20 of the specific energy, whichever is greater.

410-2.02 If the designed water surface is within the embankment area, the design and construction of the channel shall be in accordance with the levee design criteria, including freeboard requirements.

410-2.03 The minimum freeboard requirements for bridges, culverts, and utility crossings which span open channels and which are existing, planned

or projected at the time of channel design shall be in accordance with the requirements specified in Sections 406-2 and 406-3.

410-2.04 Superelevation resultant from directional modification shall be considered prior to computing the required freeboard.

Sec. 410-3 Hydraulic Design

410-3.01 Channels shall be designed with proper allowance for hydraulic losses for all planned and projected future crossings or other obstructions to maintain clearance and freeboard as required.

410-3.02 The water surface and the energy grade line profile shall be computed and plotted for all constructed channels and at locations where natural channels modifications are proposed.

410-3.03 Constructed channels shall not be designed with a slope in the range of ± 20% of critical slope unless freeboard equal to the height for instability waves is added.

410-3.04 A minimum velocity of two (2) feet per second shall be maintained for lined channels to prevent sedimentation.

Sec. 410-4 Structural Design

410-4.01 The minimum bottom width of constructed channels shall be ten (10) feet. A triangular channel may be permitted when the channel side slopes are four (4) to one (1) or flatter.

410-4.02 The minimum centerline radii for curves in constructed channels shall be three (3) times the top width of the design water surface.

410-4.03 Design of slopes shall be predicated upon results of an investigation by a Soil Engineer, subject to the approval of the Director.

410-4.04 Adequate bank protection and drop structures shall be provided where the slopes in the channel are steep and high velocities are present.

410-4.05 Bank protection shall be provided based on the design engineer's recommendations, subject to the approval of the Director. Stress area protection shall extend downstream from the end of the stress area a distance equal to ten (10) times the design water depth, unless the engineer can show that the erosion potential is not excessive.

410-4.06 At drop structures or in other locations where a hydraulic jump may occur, bank protection shall be provided through the hydraulic jump for a minimum distance of six (6) times the sum of the sequent depth and the depth of freeboard. This protection shall cover the invert and extend to the height of the sequent depth plus the height of the freeboard. The protection material may be either concrete, concreted-rock slope protection, sacked concrete, air-blown mortar or other approved alternative.

410-4.07 All channel lining materials and methods shall be specified by the engineer and approved by the Director.

410-4.08 All appurtenant drainage facilities shall be constructed and areas adjacent to channels graded so that erosion will be prevented within the channel right-of-way.

410-4.09 Waterways shall enter the main channel at an angle not exceeding 25 degrees.

Sec. 410-5 Erosion

The engineer shall provide recommendations on all necessary mitigation measures for erosion including bank protection and bottom stabilization of the channel, subject to the approval of the Director.

Sec. 410-6 Fencing

410-6.01 Constructed channels with slopes steeper than four (4) to one (1) with specific energy, at any point, greater than 1.5 feet shall be fenced in its entirety.

410-6.02 A six (6) foot high nine (9) gage chain link fence fabric with tension wire shall be installed on each side of the right-of-way.

410-6.03 At all road intersections, fencing shall be installed to prevent public access to constructed channels.

410-6.04 A 14 foot wide chain link drive gate shall be provided at all points of vehicular access.

Sec. 410-7 Easements/Right-of Ways and Maintenance Ways

410-7.01 Right-of-ways for constructed channels with side slopes steeper than four (4) to one (1) shall be provided as follows:

a. The right-of-way for channels with top widths greater than 50 feet, as measured to the top of freeboard, shall include the top width of the channel, two maintenance ways (one on each side of the channel), slope easements (when applicable), and interceptor ditch area (when applicable). The maintenance ways shall be a minimum of 15 feet wide. Runoff from the maintenance ways shall be mitigated.

b. The right-of-way for channels with top widths of 50 feet or less, as measured to the top of freeboard, shall include the top width of the channel, one maintenance way on either side of the channel, slope easements (when applicable), and interceptor ditch area (when applicable). The maintenance way shall be a minimum of 15 feet wide. Runoff from the maintenance way shall be mitigated.

410-7.02 The right-of-way for constructed channels with side slopes four (4) to one (1) or flatter shall be sufficient to contain the top width of the channel (measured from top of freeboard) plus slope easements as needed. A minimum of five (5) feet on either side of the channel shall be provided for maintenance purposes.

410-7.03 Right-of-way for turn-around: Turn-around distance and radii:

At the terminus and at intervals not to exceed one channel mile, turn around areas shall be provided. The minimum inside radii for maintenance roads shall be 40 feet.

410-7.04 Tributary waterways shall be conveyed under maintenance roads in closed conduits or culverts as applicable. Where open channel tributaries cross a maintenance road, a convenient turn-around area shall be provided for maintenance vehicles. The minimum diameter of a turn-around shall be 40 feet.

410-7.05 Right-of-Way for Channels Intersecting Public Roads:
At intersections of the channel with public roads, sufficient right-of-way shall be provided to permit access from the public road to the maintenance road as approved by the Director.

In the event that the channel right-of-way does not intersect a public road, a turn-around or a 15 foot wide access right-of-way shall be provided from a public road to the channel right-of-way at intervals not to exceed one (1) channel mile.

Sec. 410-8 Sedimentation

The determination of sediment yield and proposed mitigation measures of such shall be prepared and recommended by a qualified registered civil engineer, subject to the approval of the Director.

CHAPTER XI. LEVEE DESIGN

Sec. 411-1 Design Flow

Levees shall be designed to accommodate for the CSDD plus freeboard.

Sec. 411-2 Freeboard

411-2.01 The minimum freeboard between the designed CSDD water surface and the levee's top of bank shall be three (3) feet or 0.20 times the specific energy plus one (1) foot, whichever is greater.

411-2.02 An additional one (1) foot, above this minimum of freeboard, shall be required within 100 feet of either side of structures within the levee or whenever the flow is constricted, such as at bridges. An additional 0.50 foot above the minimum is also required at the upstream end, tapering to the minimum at the downstream end of the levee.

Sec. 411-3 Hydraulic Design

See Section 410-3 Hydraulic Design for details.

Sec. 411-4 Structural Design

Levees shall be designed in accordance with the latest revision of the Corps of Engineers Design and Construction of Levees, Engineer Manual, EM1110-2-1913.

Sec. 411-5 Erosion

Mitigation measure for erosion protection shall be prepared and recommended by a registered civil engineer, subject to the approval of the Director.

Sec. 411-6 Fencing

Fencing requirements for levees shall be in accordance with the criteria contained in the constructed channel design, Section 410-6.

Sec. 411-7 Easements/Right-Of-Way

Access, easements and right-of-way shall be in accordance with the requirements set forth in Section 410-7. (Constructed Channels).

Sec. 411-8 Sedimentation

Mitigation measures shall be prepared and recommended by a qualified, registered engineer, subject to the approval of the Director.

Sec. 411-9 Maintenance

A maintenance plan and an entity with taxing power to maintain levees shall be established, subject to the approval of the Director. Neither the County nor County Service Area will maintain a levee.

CHAPTER XII. NATURAL CHANNELS

Sec. 412-1 Delineation

All natural channels shall be identified and clearly delineated on the plans with the appropriate floodplain designation.

For defined natural channels, the Floodplain and Floodway Boundaries shall be delineated, subject to the approval of the Director.

Sec. 412-2 Setback

The minimum setback from the top of bank of a natural channel with side slopes steeper than two (2) horizontal to one (1) vertical, shall be a two (2) to one (1) slope plus a 10 foot wide buffer strip. The setback shall be measured from the toe of the slope. Where the slopes are flatter than two (2) to one (1), the required setback shall be a minimum of 10 feet from the Floodway limit.

Sec. 412-3 Tie-Ins

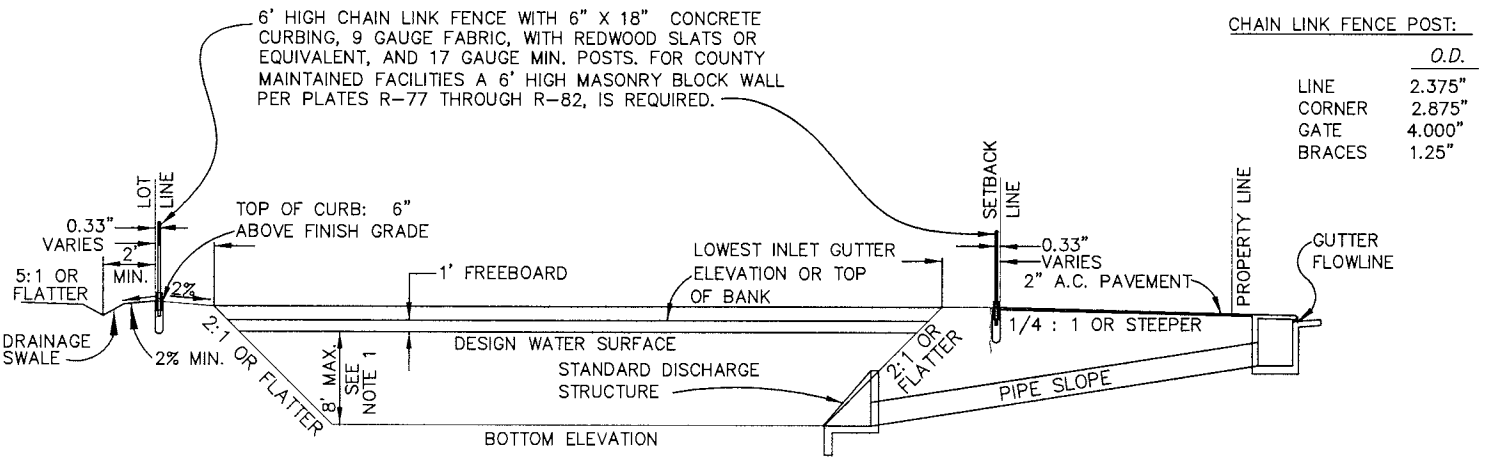
Where natural channels merge into constructed channels, the tie-ins shall be designed in a manner to dissipate energy and protect against erosion. The design for such tie-ins shall be in accordance with acceptable engineering practices and approved by the Director.

Sec. 412-4 Relocation

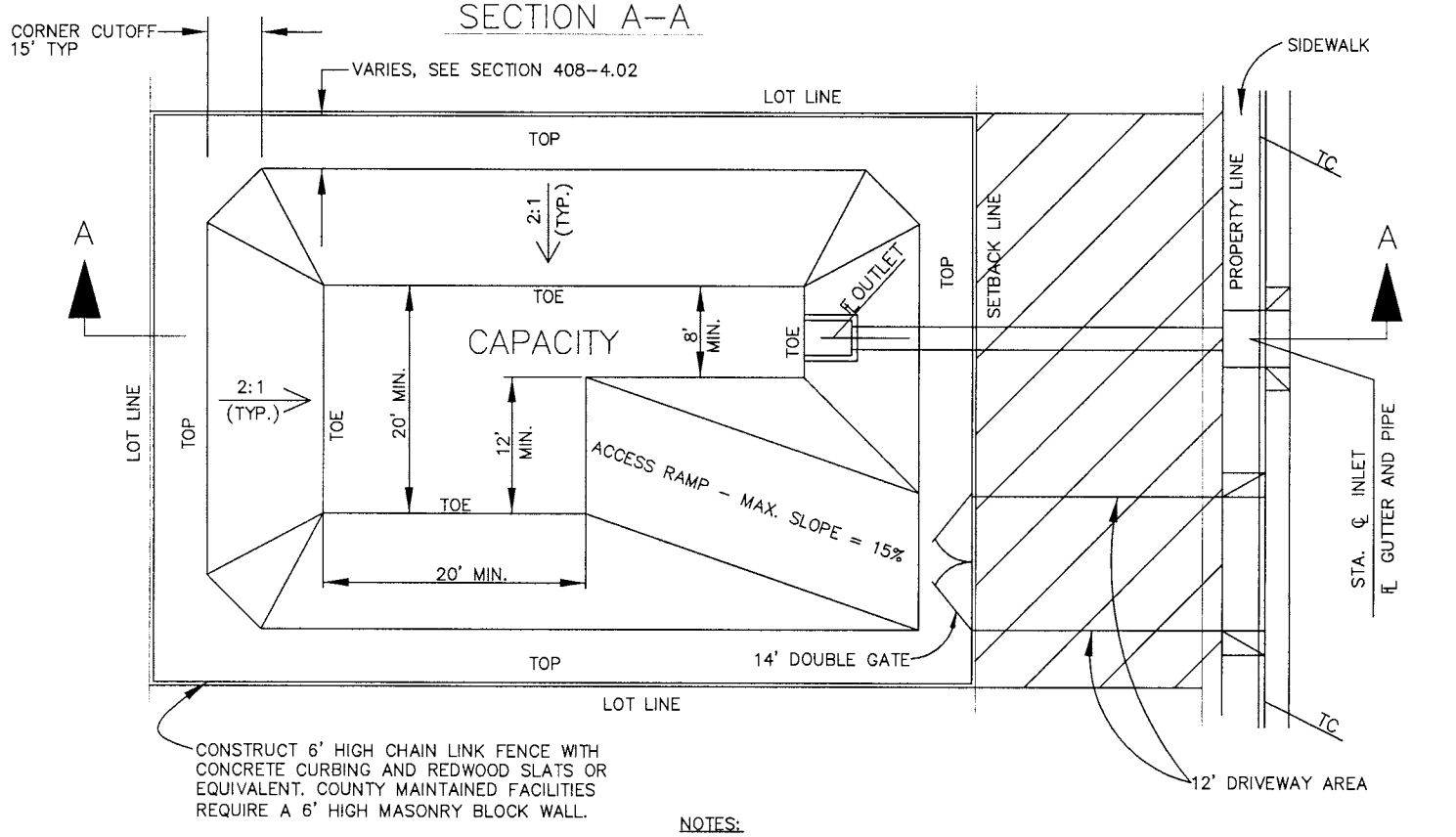
Should an existing natural channel be relocated, the channel shall be designed in accordance with the criteria specified herein for constructed channels.

Sec. 412-5 Use of Natural Facilities

All applicable Federal and State permits and requirements shall be required for any operation that would discharge dredged or fill material in any waters of the United States (normally channels identified with blue lines on the U.S.G.S. maps).



SECTION A-A



SUMP PLAN

LEGEND

TOP – TOP OF CURB

FG – FINISH GRADE

OG – ORIGINAL GROUND

INDICATES 2" A.C. OVER NATIVE SOIL WHICH HAS BEEN TREATED WITH A PERMANENT SOIL STERILANT SUBJECT TO THE APPROVAL OF THE DIRECTOR.

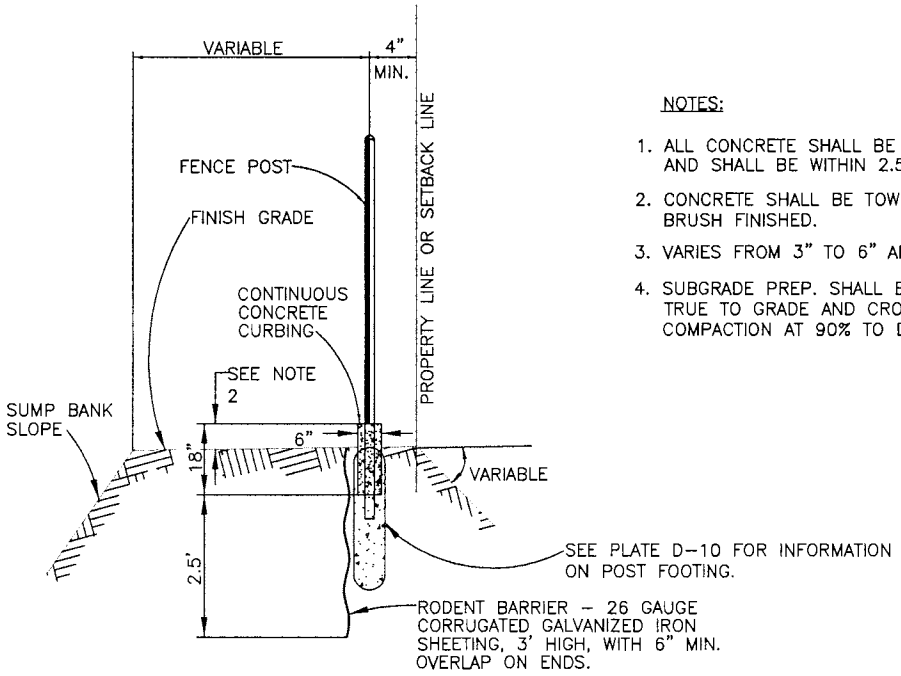
NOTES:

1. MAY EXCEED 8' IF SIDE SLOPES ARE 3:1 OR FLATTER; OR A SLOPE STABILITY ANALYSIS IS PROVIDED.
2. VARIATIONS TO THE DIMENSION MAY BE APPROVED BY THE DIRECTOR.
3. ADDITIONAL REQUIREMENTS MAY BE IMPOSED AS PART OF THE CONDITIONS ISSUED.
4. COMPACT O.G. TO 95% FOR MINIMUM OF SIX (6) INCHES UNDER 2" A.C.
5. WHEN FENCE IS SET ON FRONT R/W LINE SIDEWALK SHALL BE FULL WIDTH.
6. TACK WELD FABRIC AND HARDWARE TO POSTS.
7. TREAT BLOCK WALL WITH ANTI-GRAFFITI PRODUCT SUBJECT TO APPROVAL OF THE DIRECTOR.
8. CONSTRUCT 6" X 18" CONCRETE CURB UNDER GATE W/ TWO (2) #4 REBAR TOP AND BOTTOM.

PLOTTED: 02/25/2010

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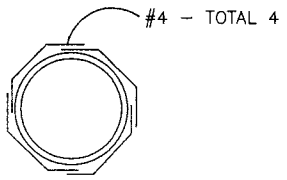
Revisions Date	Desc	DATE: 8-18-1995	COUNTY OF KERN STATE OF CALIFORNIA DEVELOPMENT STANDARD	SUMP DETAILS	PLATE NO. D-1
4/09	B.D.H	DESIGNED BY: R.J.L.			
.	.	DRAWN BY: K.S.			
.	.	CHECKED BY: A.A.			



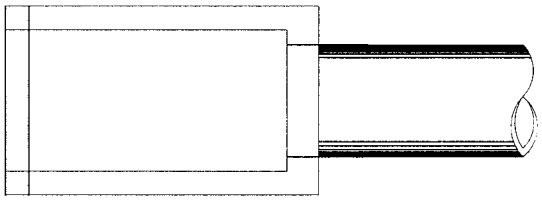
NOTES:

1. ALL CONCRETE SHALL BE CLASS 3 CONCRETE AND SHALL BE WITHIN 2.5" TO 5.5" SLUMP.
2. CONCRETE SHALL BE TOWELED SMOOTH AND BRUSH FINISHED.
3. VARIES FROM 3" TO 6" ABOVE FINISH GRADE.
4. SUBGRADE PREP. SHALL BE CONSTRUCTED TRUE TO GRADE AND CROSS SECTION WITH COMPACTION AT 90% TO DEPTH OF 6"

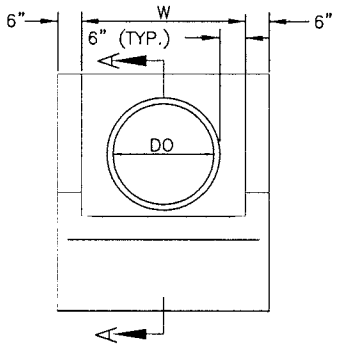
CURBING AND RODENT BARRIER DETAILS



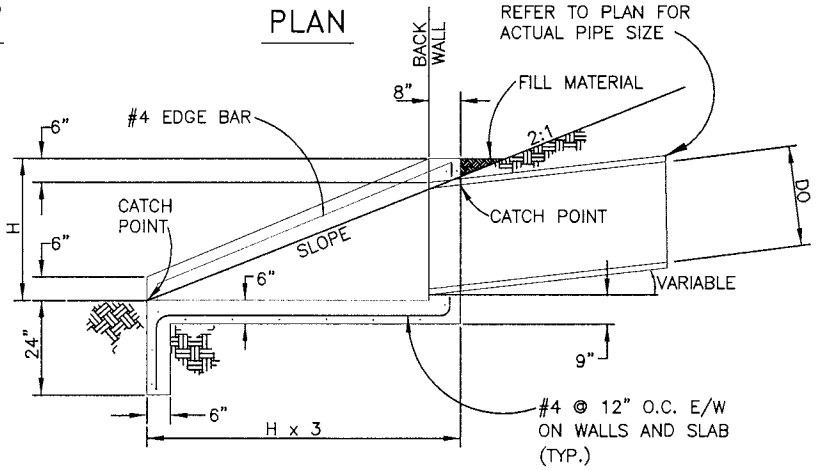
DETAIL "A"



PLAN



FRONT



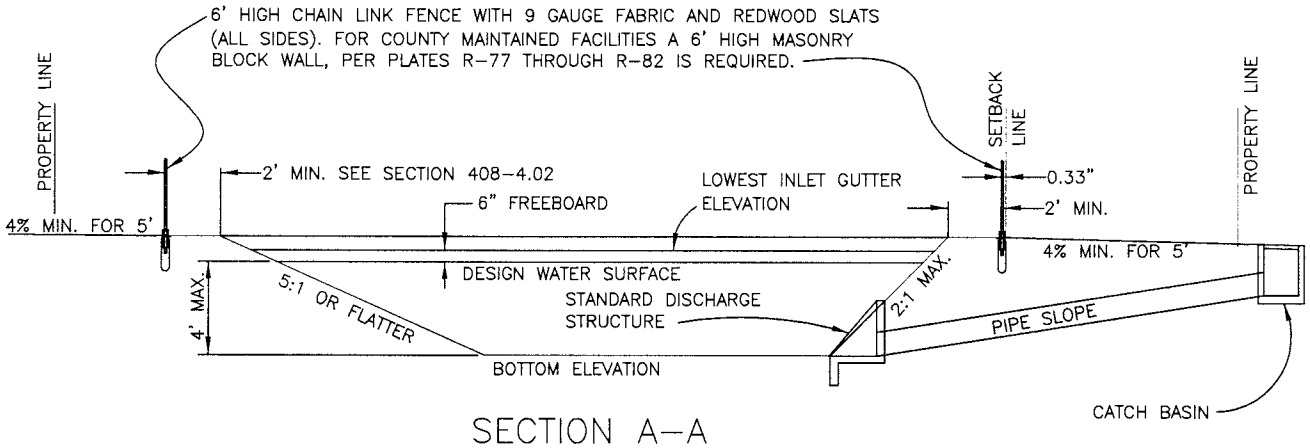
SECTION A-A

DISCHARGE STRUCTURE

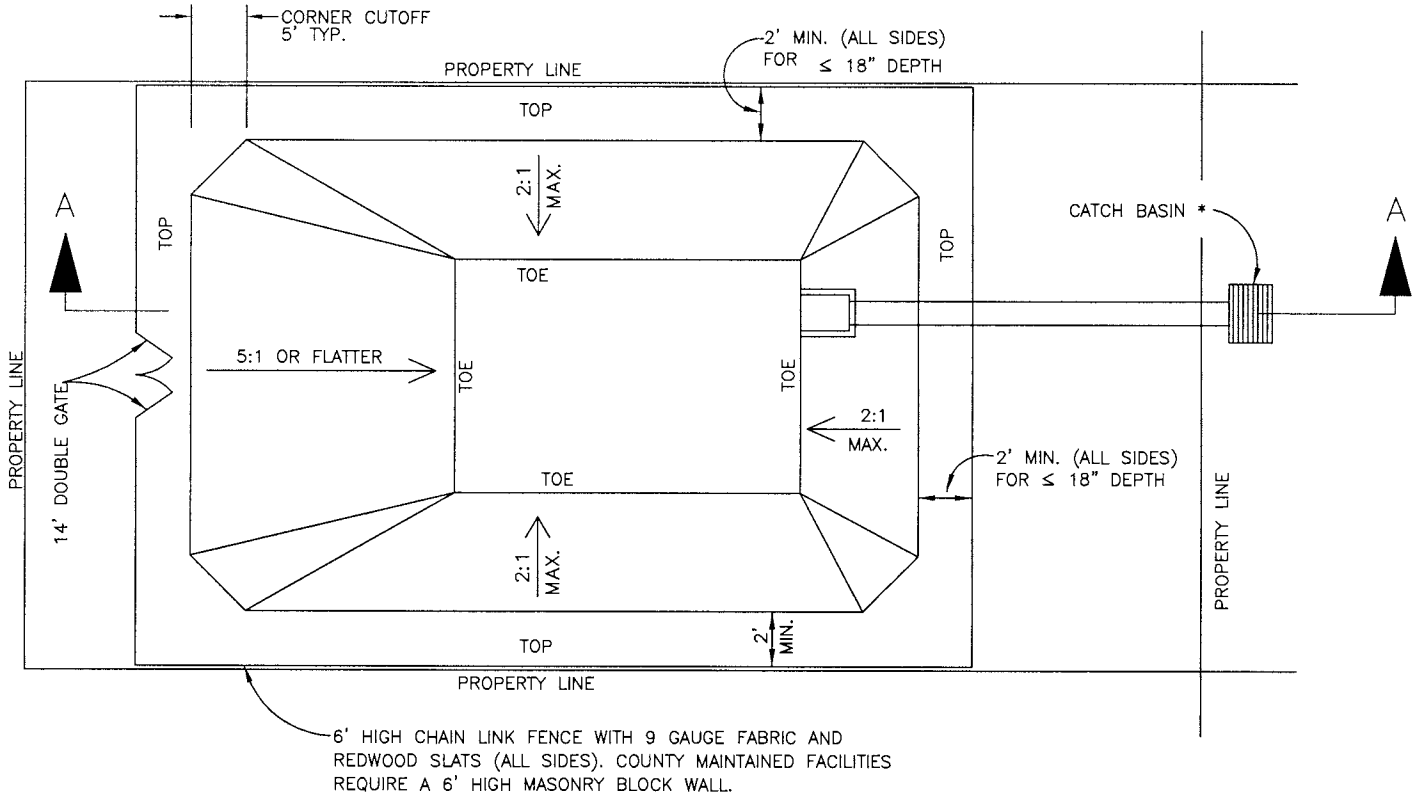
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Revisions		DATE: 3-31-1995	COUNTY OF KERN STATE OF CALIFORNIA DEVELOPMENT STANDARD	CURBING, RODENT BARRIER, AND DISCHARGE STRUCTURE DETAILS	PLATE NO. D-2
Date	Desc	DESIGNED BY: R.J.L.			
4/09	B HILL	DRAWN BY: K.S			
.	.	CHECKED BY: C.L.			



SECTION A-A



SUMP PLAN

* NO CURB AND GUTTER SHOWN

NOTE:
SEE ADDITIONAL NOTES AND REQUIREMENTS FOR CHAIN-LINK FENCES AND MASONRY WALLS ON PLATE D-1

PLOTTED: 02/25/2010

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Revisions		DATE: 8-18-1995	COUNTY OF KERN STATE OF CALIFORNIA DEVELOPMENT STANDARD	SHALLOW SUMP DETAILS	PLATE NO. D-3
Date	Desc				
4/09	B.D.H.	DESIGNED BY: R.J.L.			
.	.				
.	.	DRAWN BY: K.S			
.	.				
.	.	CHECKED BY: C.L.			
.	.				

PLOTTED: 02/25/2010

Revisions		
Date	Desc.	
4/10/09	REVISED	

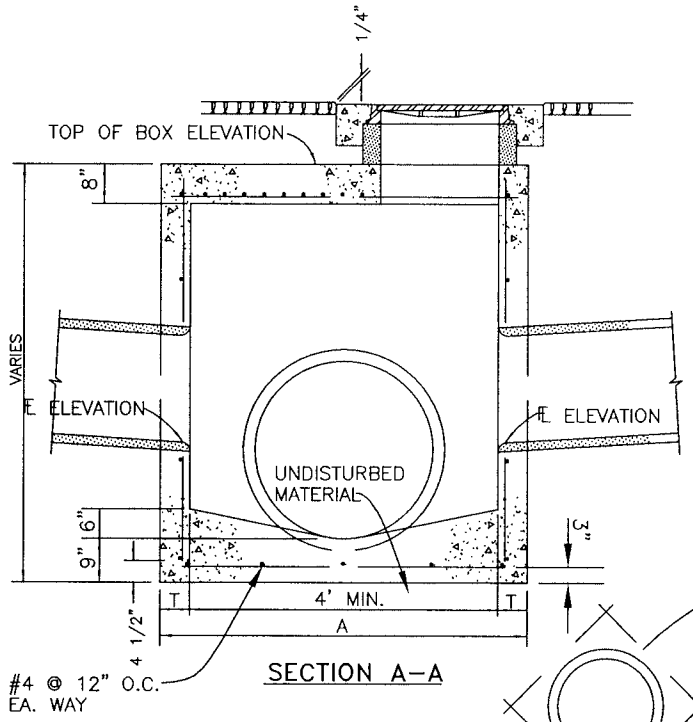
DATE: 8-18-1995
DESIGNED BY: A.A.
DRAWN BY: D.M.
CHECKED BY: G.F.

COUNTY OF KERN
STATE OF CALIFORNIA
DEVELOPMENT STANDARD

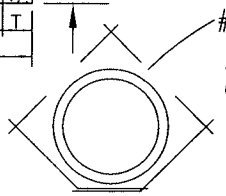
TYPE "B" MINOR STRUCTURE - JUNCTION BOX

PLATE NO. D-4

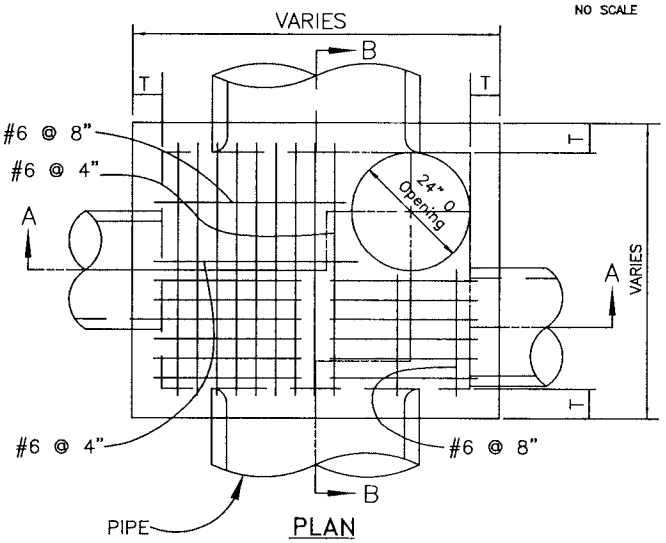
222



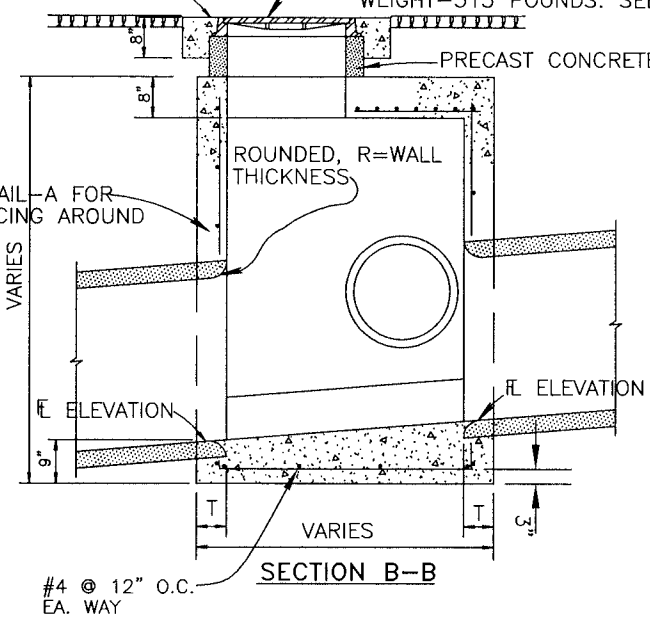
SECTION A-A



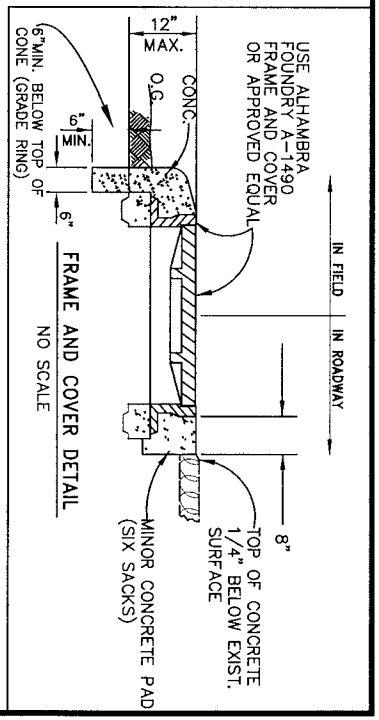
DETAIL A
NO SCALE



PLAN



SECTION B-B



FRAME AND COVER DETAIL
NO SCALE

TYPE "B" MINOR STRUCTURE

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Revisions		
Desc	Date	
REVISED	4/10/09	

PLOTTED: 02/25/2010

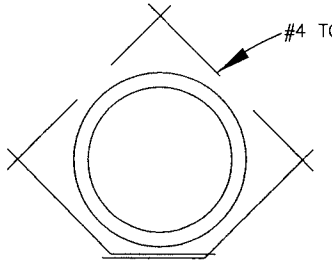
DATE: 8-18-1995
DESIGNED BY: A.A.
DRAWN BY: D.M.
CHECKED BY: G.F.

COUNTY OF KERN
STATE OF CALIFORNIA
DEVELOPMENT STANDARD

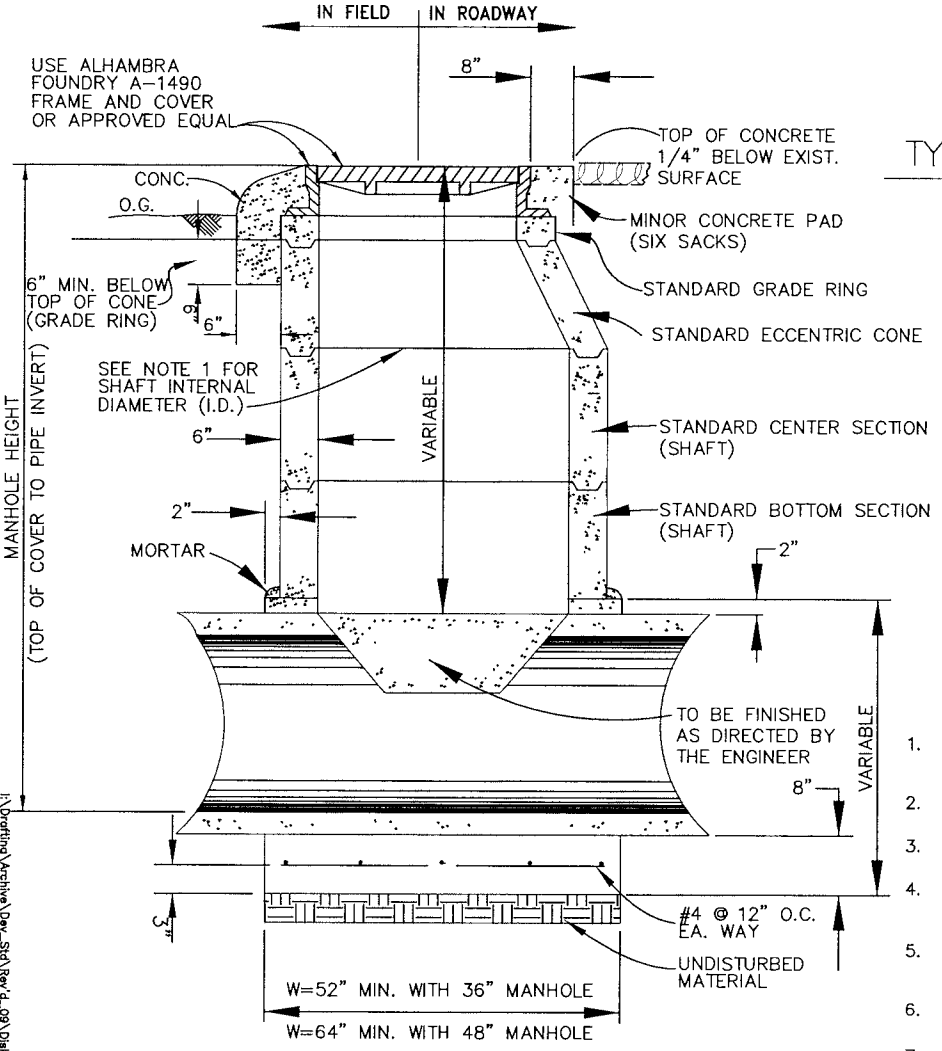
TYPE "C" MINOR STRUCTURE— MANHOLE

PLATE NO. D-5

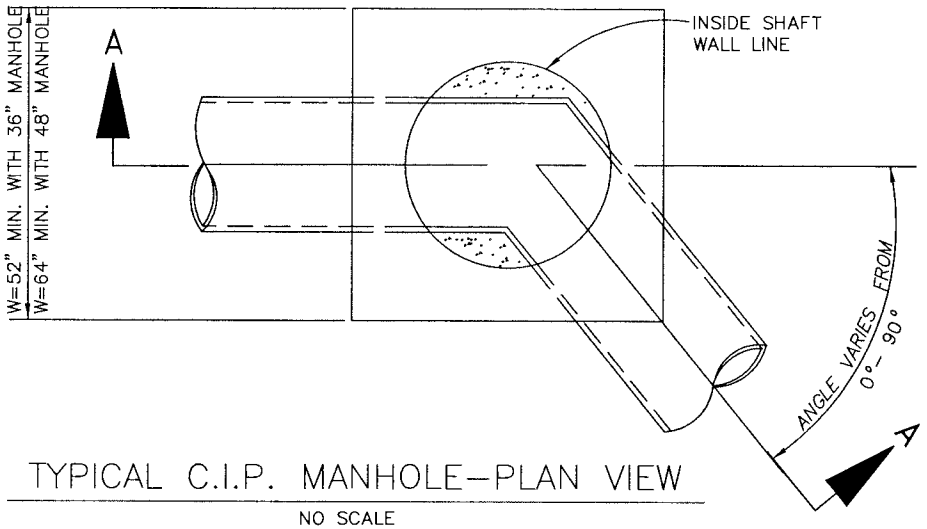
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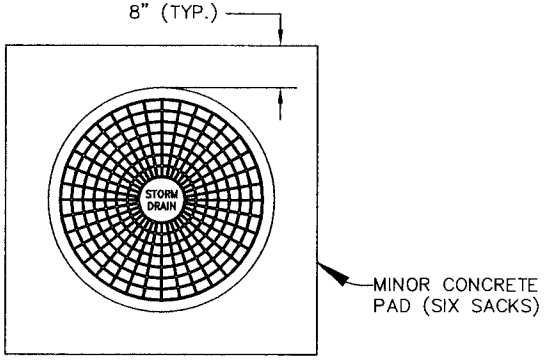
DETAIL A
NO SCALE



SECTION A-A
NO SCALE



TYPICAL C.I.P. MANHOLE—PLAN VIEW
NO SCALE

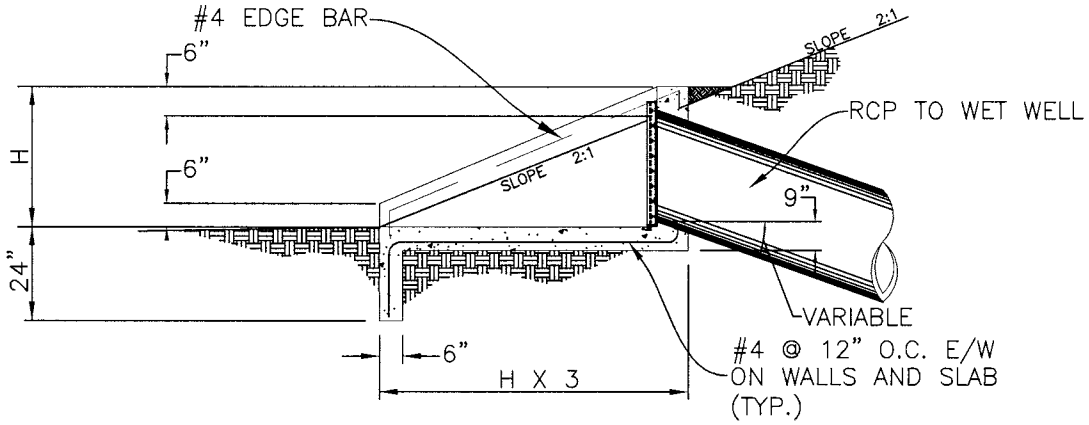


MANHOLE COVER AND CONCRETE PAD
NO SCALE

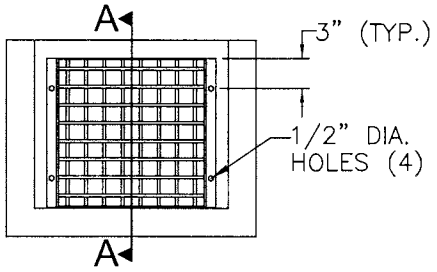
NOTES:

1. MANHOLE CONSTRUCTED ON CONCRETE PIPE OF 36" I.D. OR GREATER SHALL USE 48" SHAFT; CONCRETE PIPE WITH LESS THAN 36" I.D. SHALL USE 36" SHAFT.
2. USE COMBINATION OF CONE AND SHAFT AS DIRECTED BY THE ENGINEER.
3. ALL CONCRETE TO BE MINOR CONCRETE.
4. ALL REINFORCING TO BE NO.4 BARS AT 12" O.C., 1 1/2" CLEAR OF INSIDE FACE UNLESS OTHERWISE NOTED. SEE DETAIL "A" FOR REINFORCING AROUND PIPE.
5. ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AFTER FABRICATION EXCEPT FRAME AND COVER.
6. LOCATION OF FRAME AND COVER TO BE DETERMINED BY THE ENGINEER.
7. ALL REINFORCEMENT FOR SURFACES IN CONTACT WITH THE GROUND SHALL BE PROTECTED WITH NOT LESS THAN 2" OF CONCRETE.
8. WORDING ON MANHOLE TO READ "STORM DRAIN".

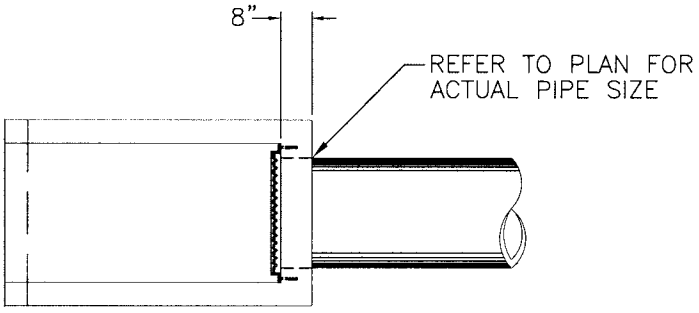
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SECTION A–A



FRONT



PLAN

INLET STRUCTURE

GRATE NOTES:

1. GRATE FABRICATED OR EQUIVALENT SHELF ITEM– ALL PARTS & PRODUCTS GALVANIZED
2. FRAME CONSTRUCTED W/ 1/4" x 3/4" x 2" x LENGTH (VARIES TO PIPE SIZE) ANGLE IRON
3. MIN. FOUR– 3/8"X 3" S.S. RED HEAD ANCHOR BOLTS FLAT LOCK WASHER, 2 EA PER VERTICAL ANGLE 3" FROM TOP & BOTTOM OF FRAME.
4. FOUR–1/2" DIA. HOLES IN FRAME
5. GRATE OPENING $1\frac{3}{16}$" x 2" O.C.
6. 1/4" DIA ROD WELDED TO FRAME ON ALL SIDES

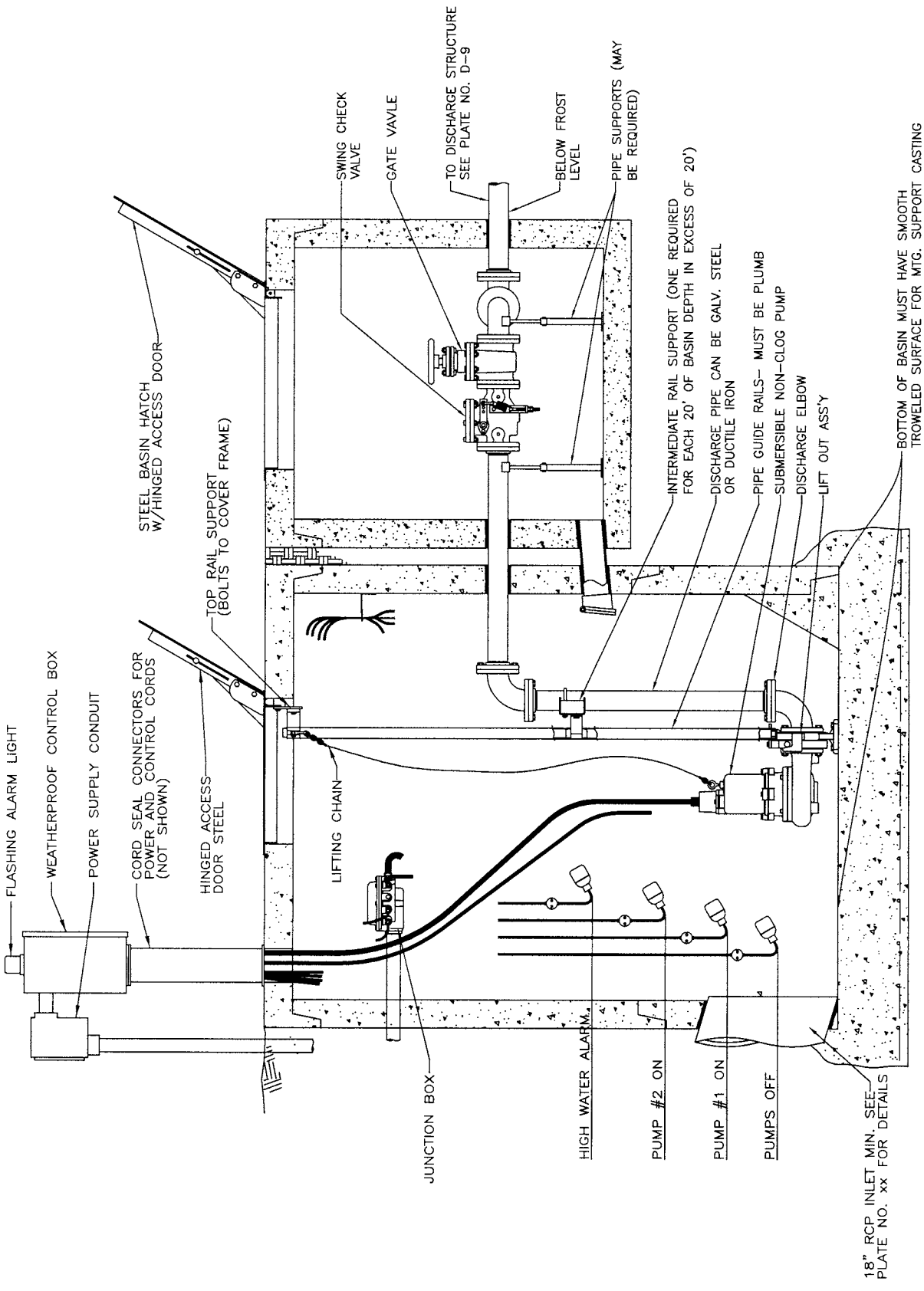
NOTES:

1. PIPE DETAIL REFER TO PLATE D–2.

PLOTTED: 02/25/2010

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.	.	DESIGNED BY: K.L.H.			
.	.	DRAWN BY: B.D.H.			
.	.	CHECKED BY: A.A.			



PLOTTED: 02/25/2010

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4-30-2009

DESIGNED BY: F.E.M.

DRAWN BY: B.D.H

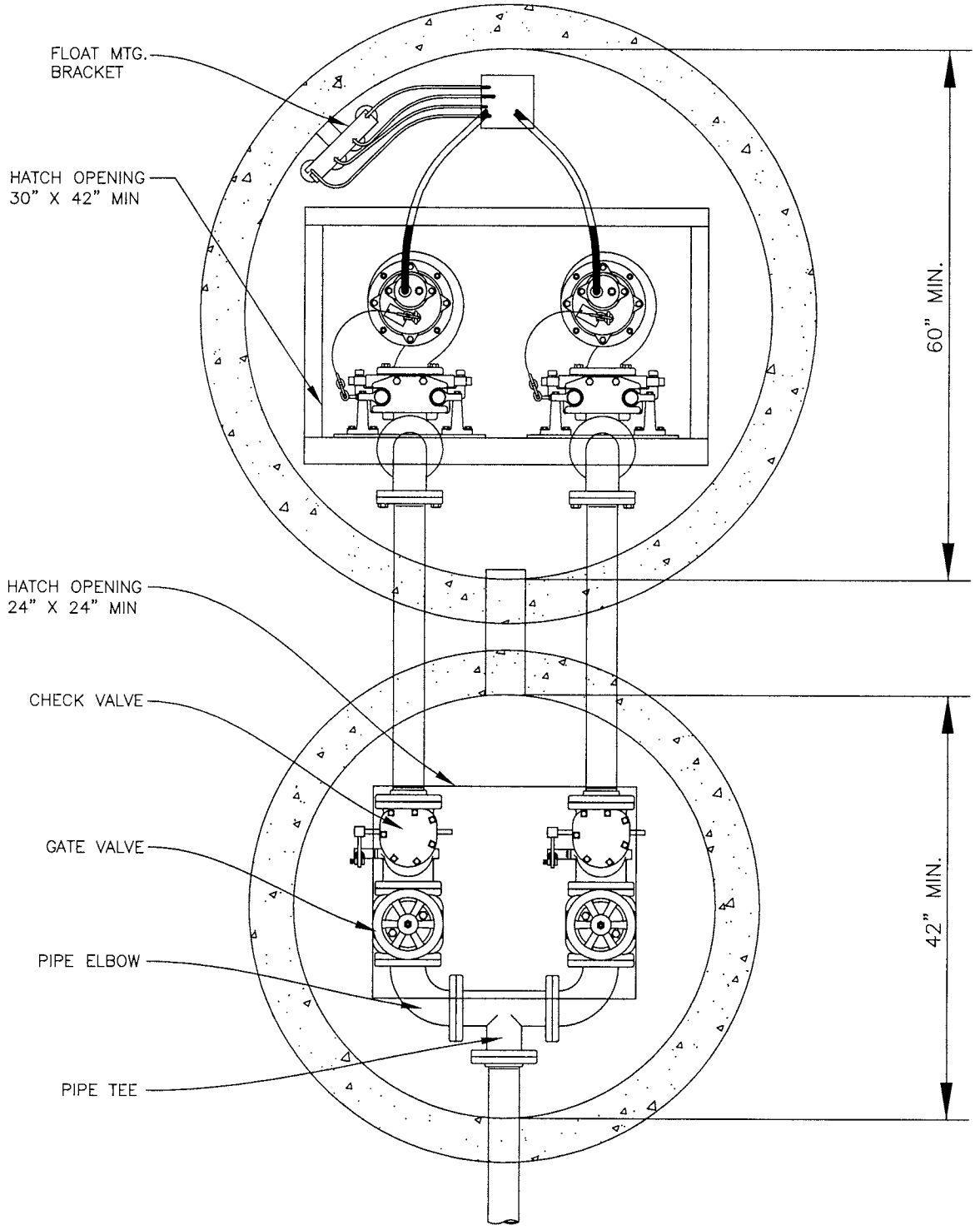
CHECKED BY: K.L.H.

COUNTY OF KERN
STATE OF CALIFORNIA
DEVELOPMENT STANDARD

DUPLEX PUMP STATION

PLATE NO.

D-7



*MODIFIED FROM FEMyers.com NON-CLOG, 3" DISCHARGE, DUPLEX PUMP INSTALLATION DRAWING ESS-2228b

PLOTTED: 02/25/2010

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4-30-2009

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DRAWN BY: B.D.H.

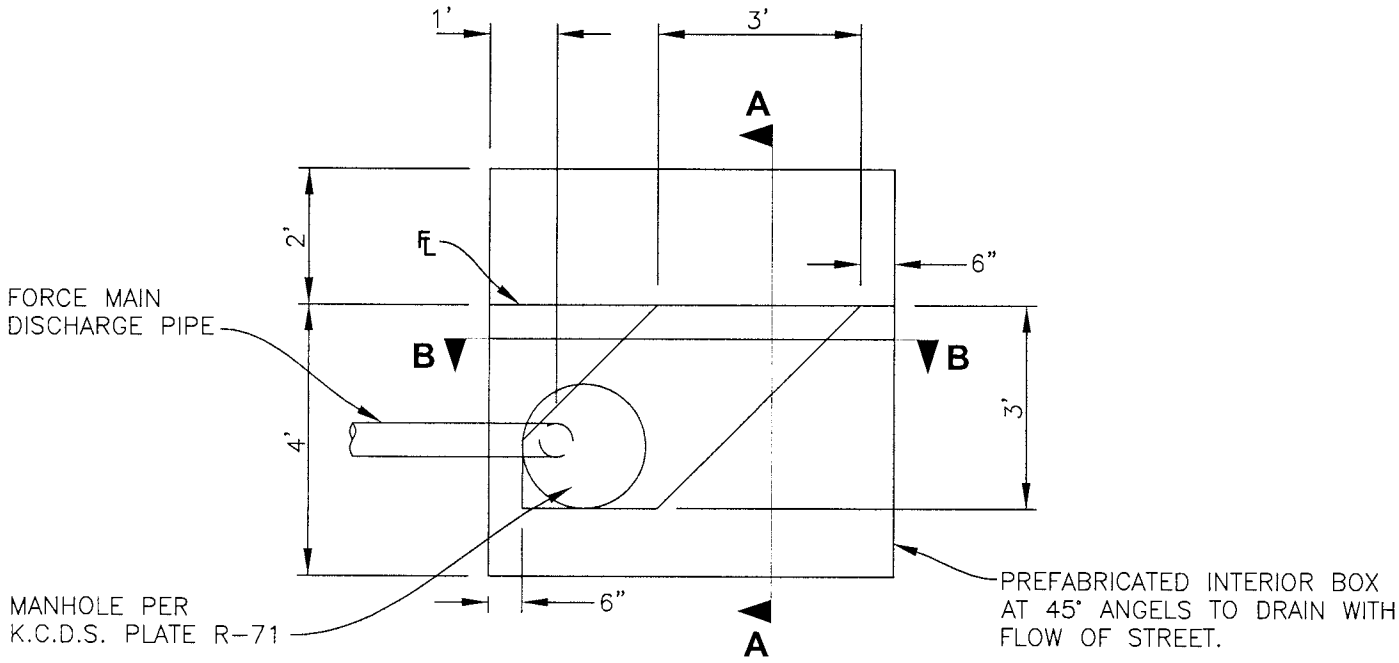
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COUNTY OF KERN
STATE OF CALIFORNIA
DEVELOPMENT STANDARD

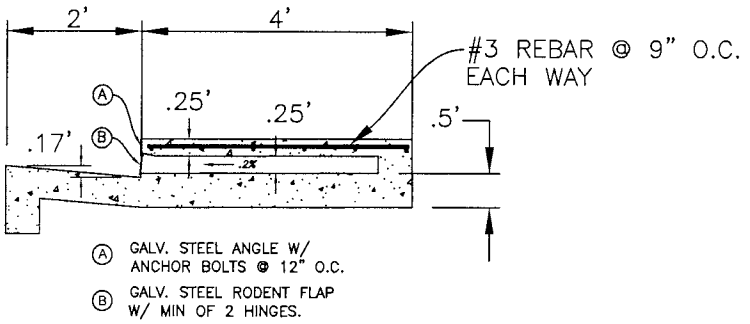
PLAN VIEW DUPLEX PUMPS

PLATE NO.

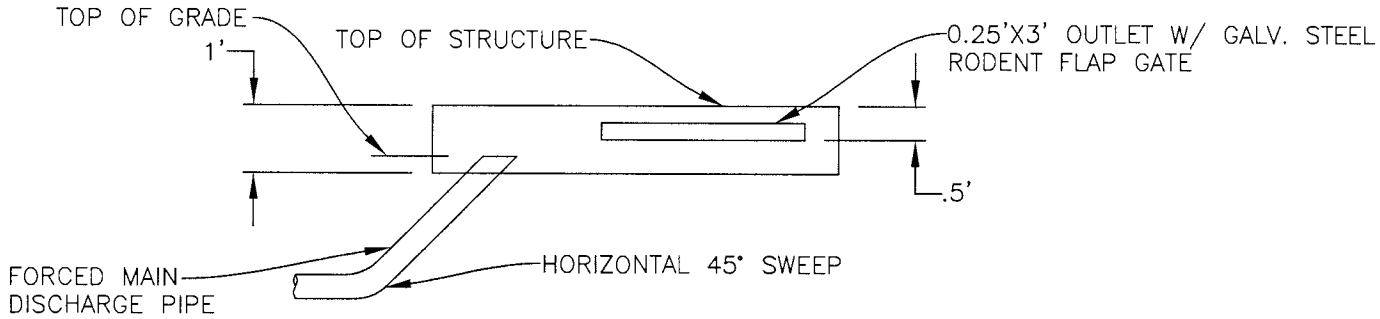
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DISCHARGE STRUCTURE



SECTION A–A

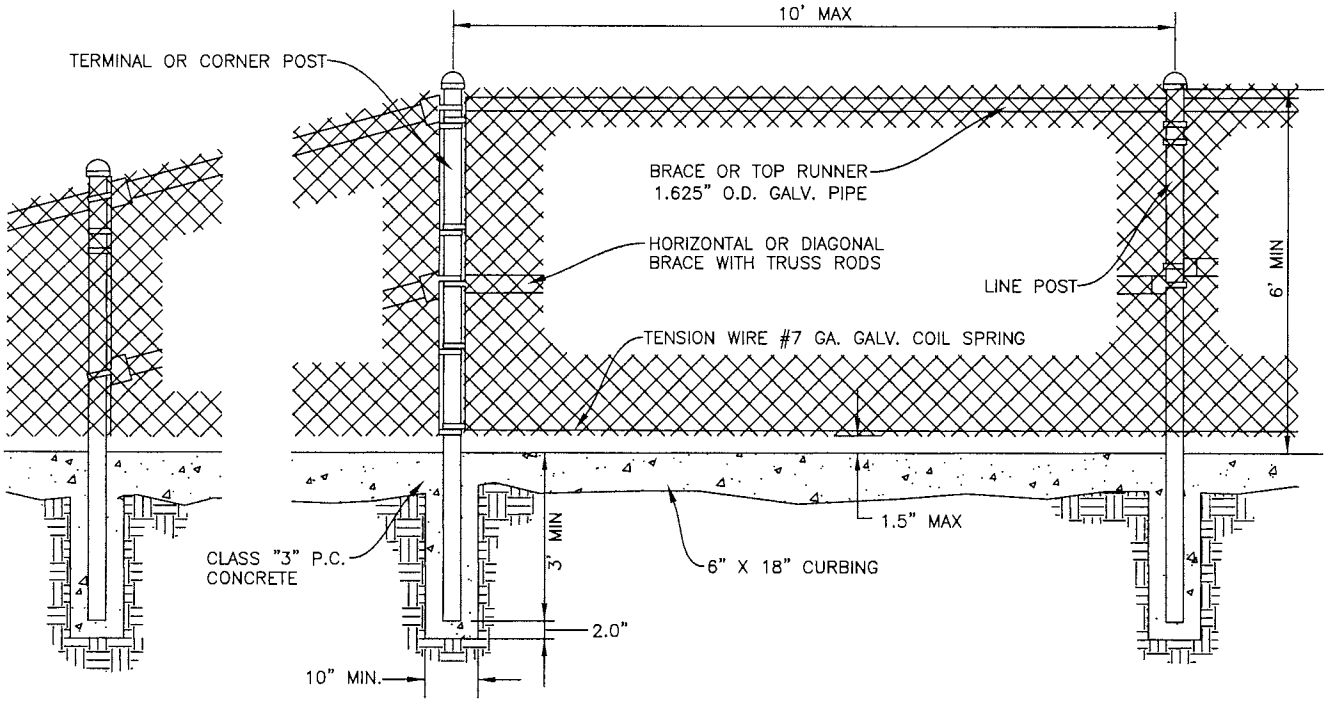


SECTION B–B

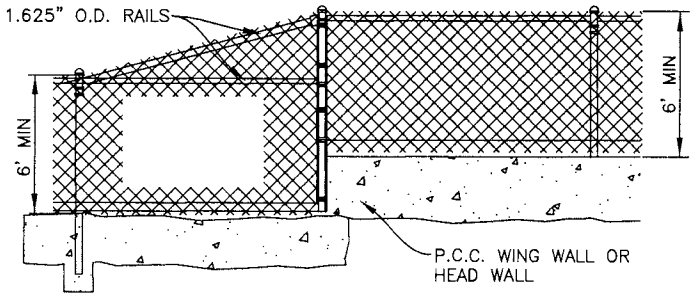
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		DESIGNED BY: K.L.H.			
		DRAWN BY: B.D.H.			
		CHECKED BY: A.A.			



TYPICAL CHAIN LINK FENCE DETAIL



TYPICAL DETAIL AT
CULVERT ENDWALLS

FENCING SPECIFICATIONS:

1. FENCING FABRIC SHALL BE 9 GUAGE, 2" MESH, AFTER WEAVING, KNUCKLED TOP AND BOTTOM, 6' HIGH GALV.
2. CORNER POSTS SHALL BE 2–⅞" O.D. GALV. PIPE.
3. LINE POST 2–⅜" O.D. GALV. PIPE.
4. PRIVACY SLATS SHALL BE 2–$\frac{3}{16}$" X ¼".

NOTES:

1. INSTALLATION OF FENCING AND GATES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF "STANDARD SPECIFICATION, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION," APPROVED CURRENT EDITION.
2. CONCRETE CURBING SHALL BE CONSTRUCTED UNDER ALL FENCES. CURBING SHALL BE 6" X 18", CLASS 3 CONCRETE.
3. CORNER POST SHALL BE INSTALLED AT ALL ANGLES IN FENCE LINE IN EXCESS OF 10".
4. END, CORNER, AND GATE POSTS SHALL BE BRACED TO THE NEAREST LINE POST WITH GALV. DIAGONAL OR HORIZONTAL BRACES USED AS COMPRESSION MEMBERS AND GALV. 0.375" STEEL TRUSS RODS WITH TURNBUCKLES OR TRUSS TIGHTENER USED AS TENSION MEMBERS.
5. FABRIC SHALL BE FASTENED TO GATE POST, TERMINAL POST, OR CORNER POST WITH 3" X 3/4" STRETCHER BAR BONDS AT 8" ON CENTER.
6. FABRIC SHALL BE FASTENED TO LINE POST, LAST RUNNER, AND BOTTOM TENSION WIRES WITH FABRIC BONDS SPACED APPROX. 14" APART.
7. FABRIC SHALL CONFORM TO ASTM A–392, CLASS 1.
8. SUBGRADE PREPARATION SHALL BE CONSTRUCTED TRUE TO GRADE AND CROSS SECTION WITH COMPACTION OF 85% TO A DEPTH OF 0.5"
9. WHEN REDWOOD SUBURBAN SCREEN, OR EQUIVALENT IS REQUIRED IT SHALL BE CONSTRUCTED SO THAT THE SLATS ARE LOCKED INTO POSITION AND CAN ONLY BE REMOVED WITH TOOLS.
10. FENCE FABRIC IS TO BE TACK WELDED TO POSTS IN THREE PLACES (TOP, CENTER, AND BOTTOM). FENCE HARDWARE IS TO BE TACK WELDED AND GROUND SMOOTH. ALL EXPOSED METAL PARTS ARE TO BE GALV. PRIOR TO INSTALLATION.

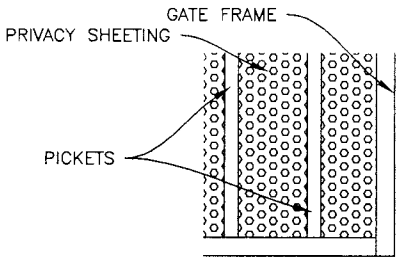
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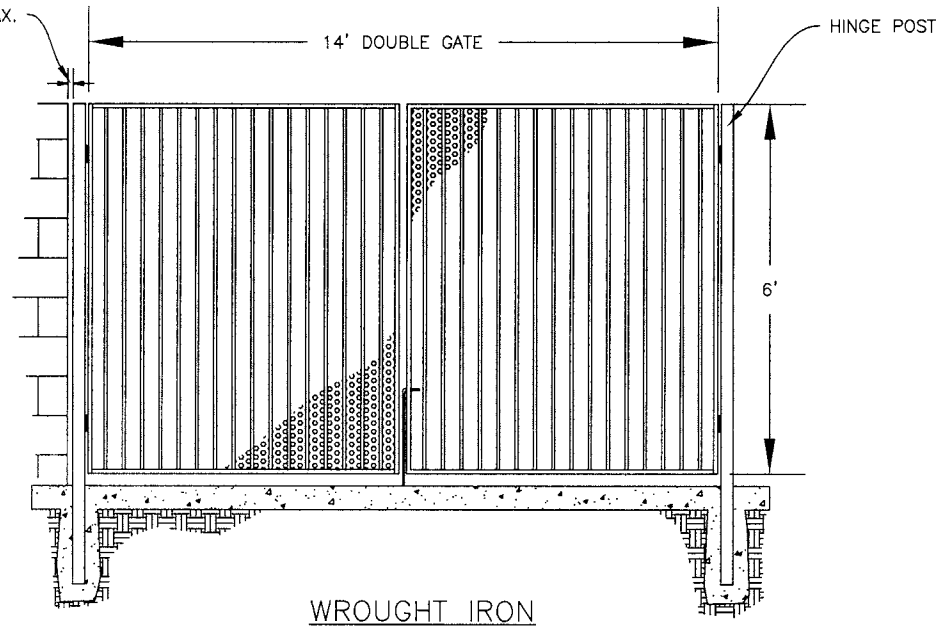
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.	.	DRAWN BY: B.D.H.			
.	.	CHECKED BY: A.A.			
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WROUGHT IRON GATE SPECS:

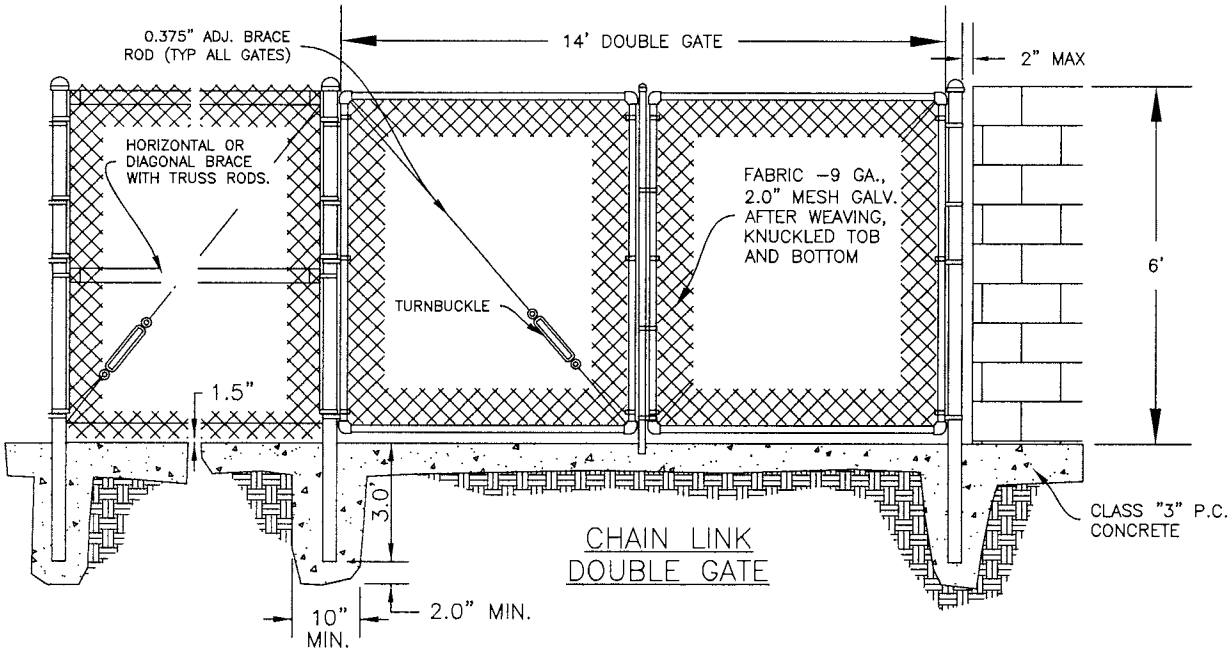
1. HINGE POST SHALL BE A MIN. OF 4x4x3/16" SQ TUBING.
2. GATE FRAME SHALL BE A MIN. 1-1/2" SQ. TUBING.
3. PICKETS SHALL BE A MIN. 3/4" SQ TUBING WITH 4" MAX CLEAR DIMENSION.
4. PRIVACY SHEETING SHALL BE PERFORATED SHEET METAL, 24 GAUGE, 1/16" DIM HOLE, 1/8" STAGGERED CENTER.
5. GATE SHALL BE A 14' DOUBLE GATE.
6. GATE LATCH SHALL HAVE COMMERCIAL GRADE LOCKING DEVICE FOR 3/8" PADLOCK SHANK OR A LICKING DEVICE THAT CAN BE KEYED TO THE STANDARD K.C.E.S.S. KEY-CORE.



PRIVACY SHEETING DETAIL



WROUGHT IRON DOUBLE GATE



CHAIN LINK DOUBLE GATE

DOUBLE DRIVE GATE

WIDTH-14'
HEIGHT-6'
FRAME-1.875" O.D. GALV. PIPE 2.72LB/FT
COMMERCIAL LOCKING DEVICE WITH DROP ROD

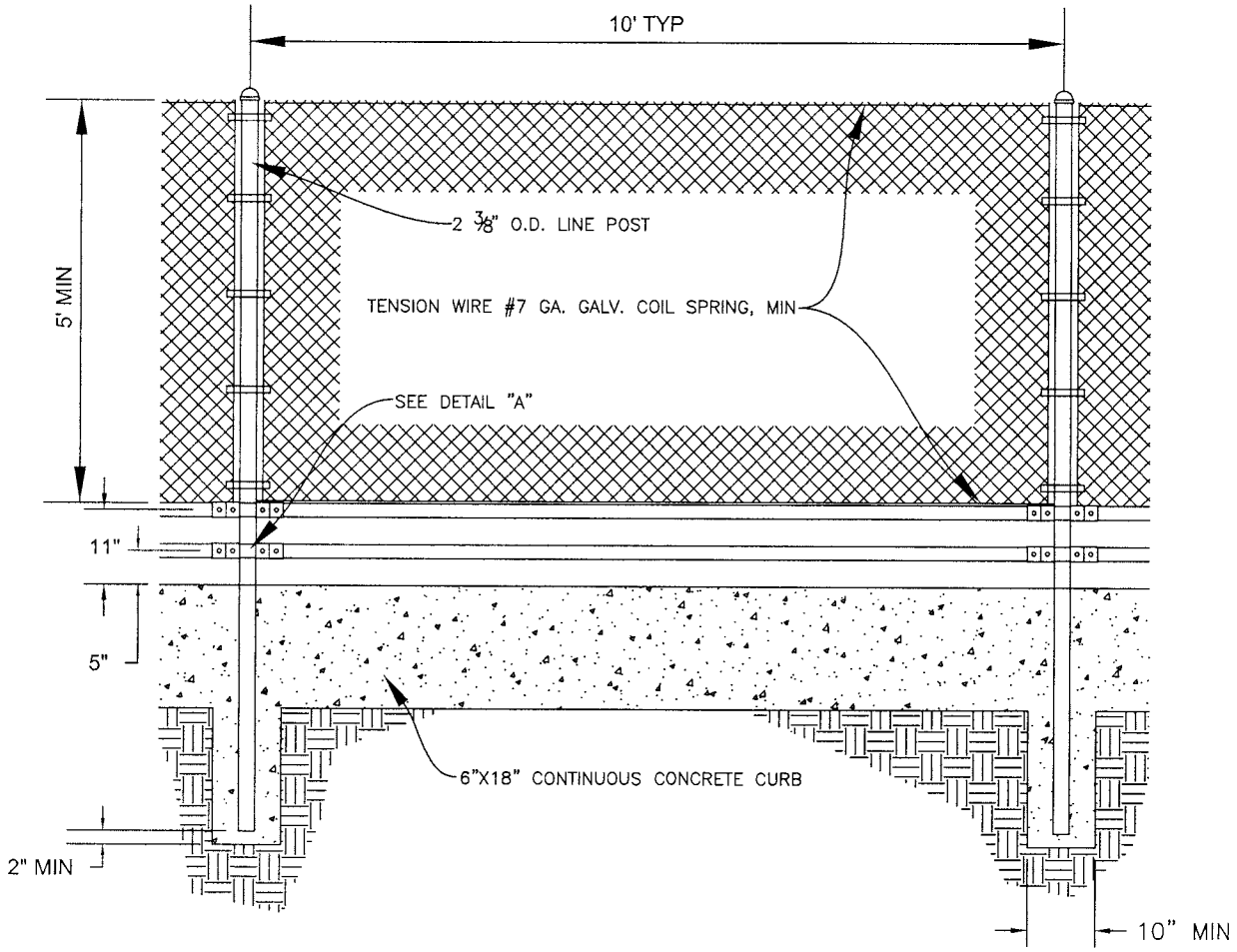
NOTES:

1. CURBING AS SPECIFIED BY COUNTY OF KERN DEVELOPMENT STANDARDS, PLATE D-2.
2. END, CORNER, AND GATE POSTS SHALL BE BRACED TO THE NEAREST LINE POST WITH GALV. DIAGONAL OR HORIZONTAL BRACES USED AS COMPRESSION MEMBERS AND GALV. 0.375" STEEL TRUSS RODS WITH TURNBUCKLES OR TRUSS TIGHTENERS USED AS TENSION MEMBERS.
3. WHEN REDWOOD SUBURBAN SCREEN, OR EQUIVALENT, IS REQUIRED IT SHALL BE CONSTRUCTED SO THAT THE SLATS ARE LOCKED INTO POSITION AND CAN ONLY BE REMOVED WITH TOOLS.
4. FRAMES SHALL BE MADE WITH FITTINGS OR WELDS GROUND SMOOTH, AND GALVANIZED.
5. CHAIN LINK FENCE FABRIC SHALL CONFORM TO ASTM: A-392, CLASS 1, AND BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 80-4 OF THE "STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION", APPROVED CURRENT EDITION.

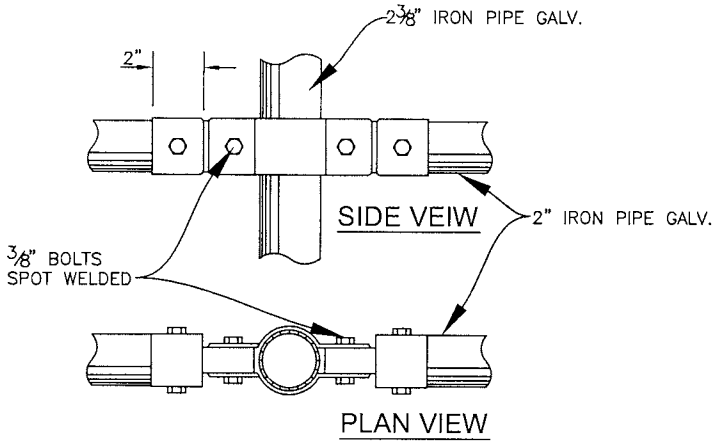
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.	.	DRAWN BY: B.D.H.			
.	.	CHECKED BY: A.A.			
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TRANSVERSE PROTECTION BAR



DETAIL "A"

NOTES:

1. ALL CONCRETE SHALL BE CLASS 3.
2. SEE PLATE D-10 FOR ADDITIONAL FENCE DETAILS.
3. ALL EXPOSED METAL PARTS ARE TO BE GALV PRIOR TO INSTALLATION.
4. HARDWARE IS TO BE TACK WELDED AND GROUND SMOOTH AND GALV.
5. SEE PLATE D-2 FOR RODENT BARRIER DETAILS.

PLOTTED: 02/26/2010

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6-5-2009

DESIGNED BY: K.L.H.

DRAWN BY: B.D.H.

CHECKED BY: A,J.L.

COUNTY OF KERN
STATE OF CALIFORNIA
DEVELOPMENT STANDARD

FLOOD ZONE FENCING SPECIFICATIONS

PLATE NO. D-12

Appendix F

Pre-Post Water Balance Calculation Sheets

Bellefield Solar Project Post Construction Stormwater Calculation Worksheet

Is the project located within a permitted Phase I or Phase II Municipal Separate Storm Sewer System (MS4) area? No

Note: Non-traditional small MS4s that lie within a Phase I or II MS4 area but are NOT designated must comply with the Construction General Permit post construction calculator.

Will the project use an alternative method to calculate runoff volume or use different site design measures than those listed in the CGP calculator? No

Will the project be subdivided into smaller sub-areas or drainage management areas? No

INPUT FOR WATERSHED: Enter watershed details and click on the Compute & Save button.

I.a. Name:	Bellefield Solar Project
I.b. County:	Kern
I.c. Closest Location:	Mojave
I.d. Size(acres):	6500

Pre-Construction INPUT

I.e. Dominant Soil Type:	Group C Soils - Low infiltration.Sandy clay loam.Infiltration rate 0.05 to 0.15 inch/hr when wet.
I.f. Existing Dominant Non-built Land Use Type:	Natural Desert
I.g. Existing rooftop impervious area(acres):	0
I.h. Existing non-rooftop impervious area(acres):	0

Post-Construction INPUT

I.i. Proposed Dominant Non-built Land Use Type:	Natural Desert Landscape
I.j. Proposed rooftop impervious area(acres):	0
I.k. Proposed non-rooftop impervious area(acres):	325

Compute & Save

OUTPUT:

O.a. Existing Runoff Curve Number:	85	**O.d. Proposed Runoff Curve Number:**	85.65
O.b. Design Storm(inches):	0.5	**O.e. Net Credit of Volume Credits(Cubic feet):**	3329.99991
O.c. Pre-project Runoff Volume(Cubic Feet):	266,908.05	**O.f. Post-project Runoff Volume(Cubic Feet):**	348,692.94
O.g. Post-project Runoff Volume minus Volume Credits(Cubic Feet):	-171.08		

***Post-project Runoff Volume minus Volume Credits <= Pre-project Runoff Volume. No further calculation is necessary!

Why are these different? They should be about the same

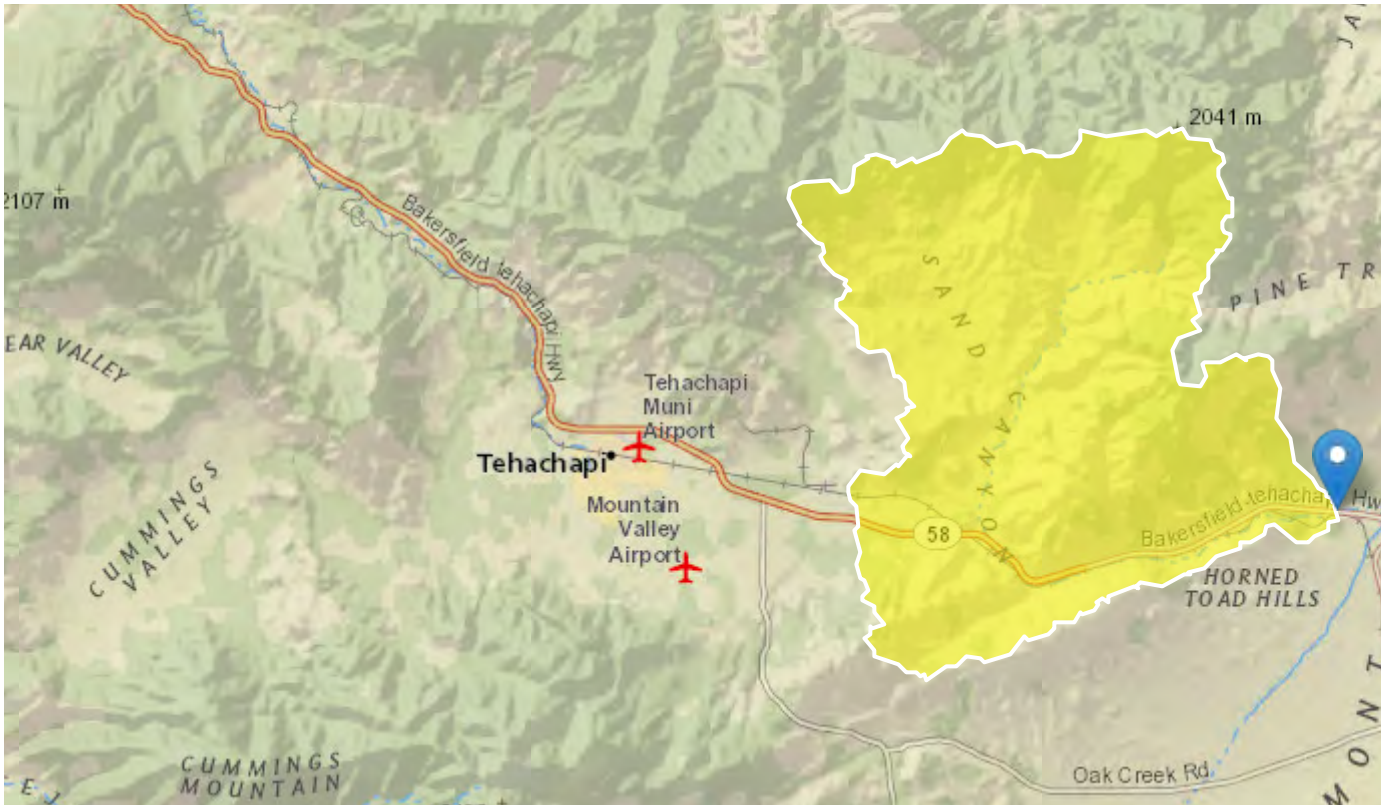
Given this parameter, the proposed conditions runoff volume should be greater than existing conditions

Appendix G

Inflow Rates

Inflow 1

Region ID: CA
Workspace ID: CA20190326172044886000
Clicked Point (Latitude, Longitude): 35.11700, -118.19982
Time: 2019-03-26 11:20:59 -0600



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	69.9	square miles

Peak-Flow Statistics Parameters [100 Percent (69.9 square miles) 2012 5113 Region 6 Desert]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	69.9	square miles	0.04	173

Peak-Flow Statistics Flow Report [100 Percent (69.9 square miles) 2012 5113 Region 6 Desert]

PIl: Prediction Interval-Lower, PIu: Prediction Interval-Upper, SEp: Standard Error of Prediction, SE: Standard Error (other -- see report)

Statistic	Value	Unit	SEp
2 Year Peak Flood	88.3	ft^3/s	214
5 Year Peak Flood	515	ft^3/s	226
10 Year Peak Flood	1300	ft^3/s	248
25 Year Peak Flood	3460	ft^3/s	298
50 Year Peak Flood	6520	ft^3/s	357
100 Year Peak Flood	11600	ft^3/s	444
200 Year Peak Flood	19500	ft^3/s	575
500 Year Peak Flood	36700	ft^3/s	856

Peak-Flow Statistics Citations

Gotvald, A.J., Barth, N.A., Veilleux, A.G., and Parrett, Charles,2012, Methods for determining magnitude and frequency of floods in California, based on data through water year 2006: U.S. Geological Survey Scientific Investigations Report 2012–5113, 38 p., 1 pl. (http://pubs.usgs.gov/sir/2012/5113/)

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Application Version: 4.3.0

Appendix K
Noise Study

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Bellefield Solar Farm Project

Noise Study

prepared for

64NB 8ME LLC
5455 Wilshire Boulevard, Suite 2010
Los Angeles, California 90036
Contact: Mr. Alexander Sundquist

prepared by

Rincon Consultants, Inc.
449 15th Street, Suite 303
Oakland, California 94612

November 2020

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

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Appendix A On-Site Noise Measurement Data
Appendix B Roadway Construction Noise Model (RCNM) Results

1 Project Description

1.1 Introduction

This study analyzes the potential noise impacts of the proposed Bellefield Solar Farm Project (Project) located within the unincorporated Kern County and within California City. Rincon Consultants, Inc. (Rincon) prepared this study under contract to 8minute Solar Energy, LLC for use by Kern County. The study evaluates the short- and long-term impacts of the Project to noise-sensitive receivers.

1.2 Project Site and Description

The Project site is located in Kern County, near the community of Mojave and California City. This site is a relatively flat desert landscape. The Project straddles State Route (SR) 58, east of Mojave and just west and south of the Hyundai-Kia Proving Ground. The Project includes 80 parcels totaling 6,122 gross acres within the unincorporated Kern County and 8 assessor's parcels totaling approximately 2,102 gross acres within California City. Figure 1 and Figure 2 shows the regional location and immediate vicinity of the Project site, respectively.

This Project description is abbreviated, focusing on elements of the proposed solar facility that are most relevant for the noise analysis. On the parcels, the Project would use solar photovoltaic (PV) panels or modules on mounting frameworks to convert sunlight directly into electricity. This electricity would be delivered from the panels to inverter stations, where the electricity would be converted from direct current (DC) to alternating current (AC). Each parcel may also include an operations and maintenance (O&M) building, substations, energy storage systems, and/or transmission facilities, as necessary. In addition to the solar PV sites, the Project would include a gen-tie corridor to deliver power from the solar facility to the electrical grid. This corridor would run to the SCE Windhub Substation via up to 230 kV overhead and/or underground electrical transmissions lines.

1.3 Construction Activities

Construction of all Project components would occur over approximately 12 to 18 months beginning as early as the fourth quarter of 2021 (i.e., October 1, 2021). Construction of the Project would include the following types of activities:

- Site preparation
- Grading and earthwork
- Concrete foundations
- Structural steel work
- Electrical/instrumentation work
- Collector line installation
- Architecture and landscaping

Figure 1 Regional Location

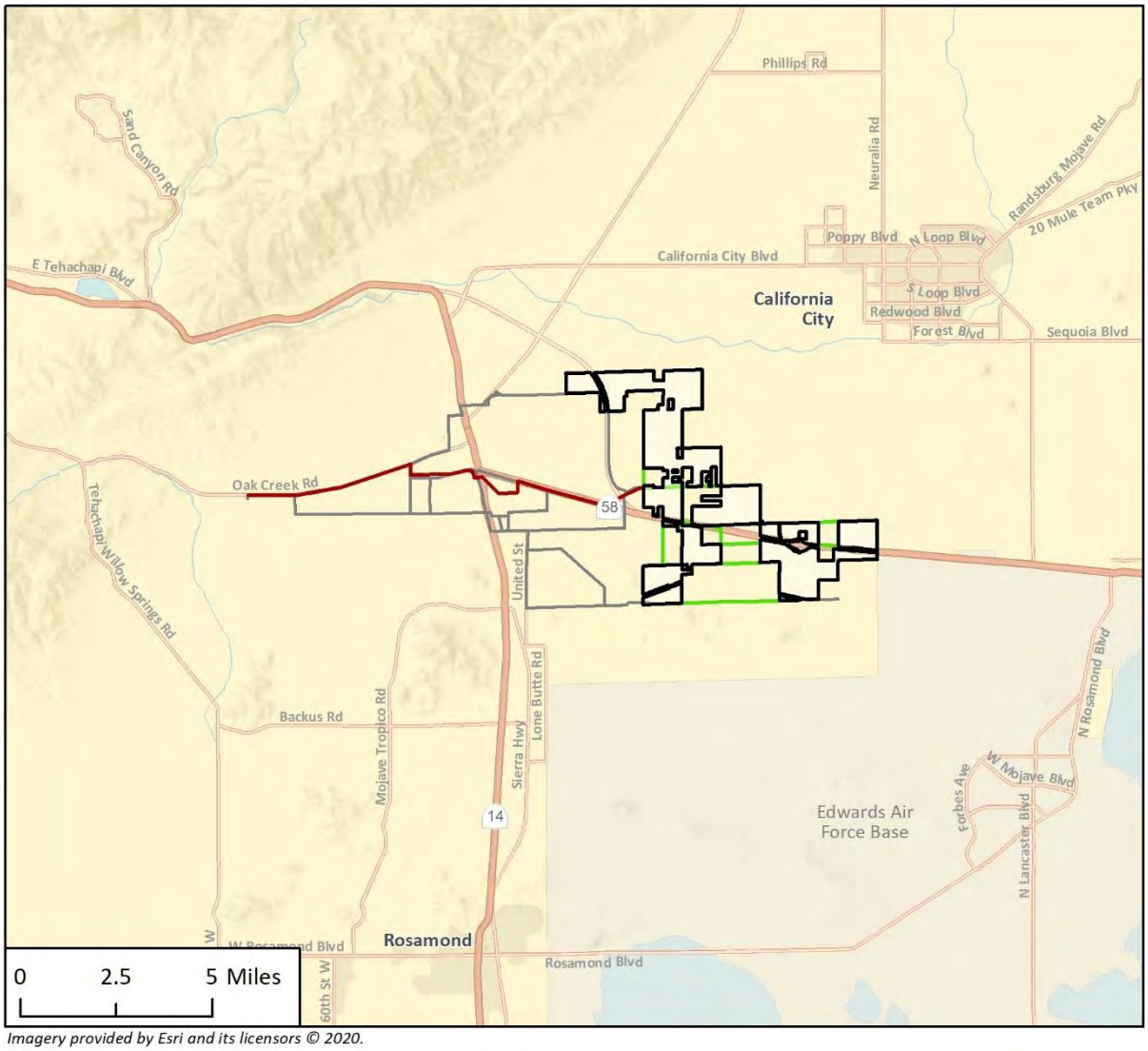
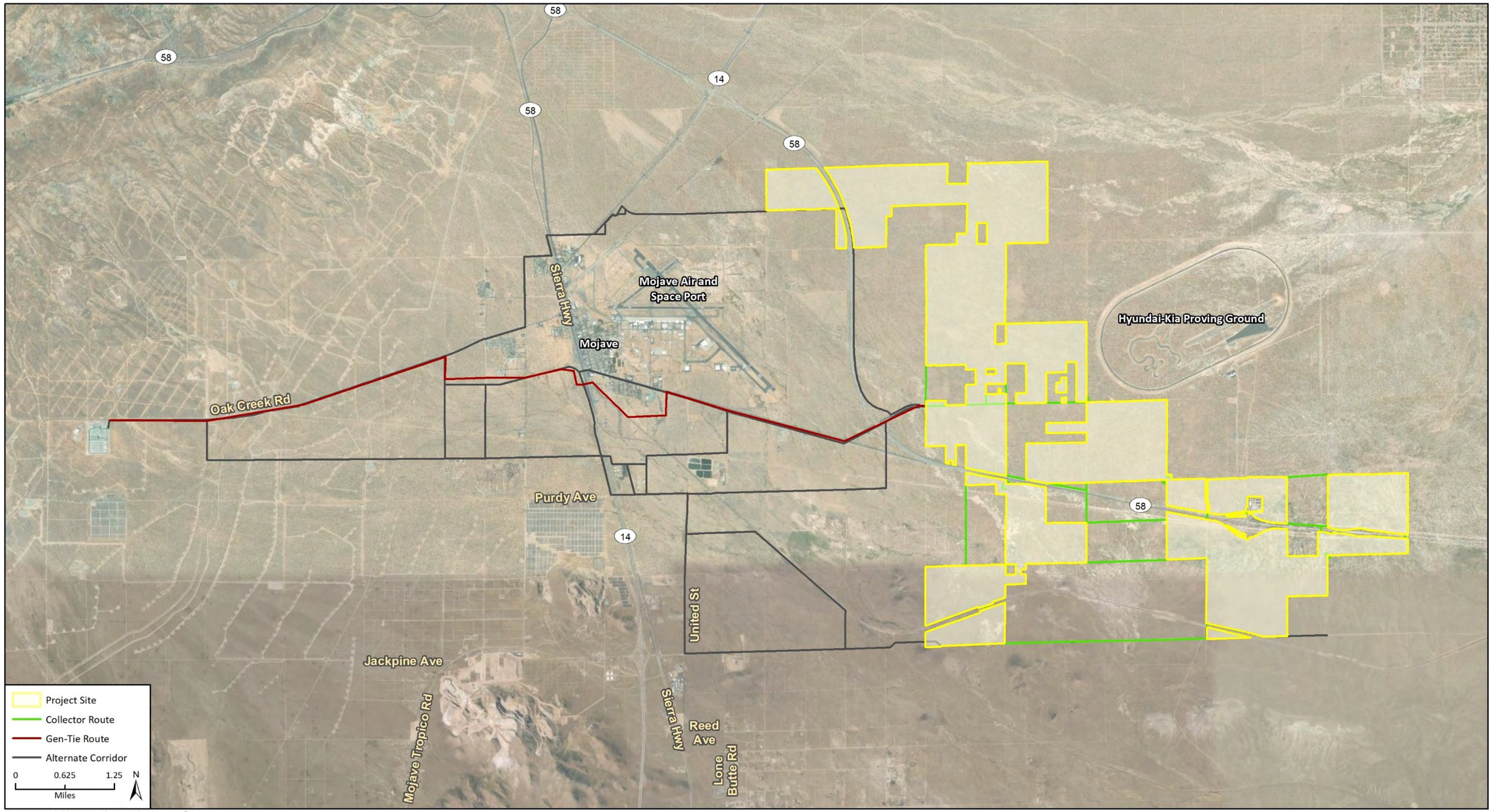


Figure 2 Project Location



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Fig 2 Project Location

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Each parcel may be constructed simultaneously and phases of construction would overlap.

Table 1 shows the construction schedule, number of workdays, and overlapping phases that were assumed in the following analysis.

Table 1 Overall Project Construction Schedule

Phase	Work Days	Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Phase 1: Site preparation & Grading	86															
Phase 2: Tracker Foundations (Piles)	150															
Phase 3: Underground Cabling	150															
Phase 4: Mechanical Installation	175															
Phase 5: Electrical Installation	200															

Note: Construction schedule of 15 months is the average time estimated by the applicant for the construction period (i.e., 12 to 18 months).

Construction traffic would access the Project site locally from Highway 58, Altus Ave, Silver Queen Road, and 50th Street. It is estimated that up to 1,000 workers per day (during peak construction periods) would be required during the construction of the Project. On-road traffic would consist of employee and vendor vehicle trips. The number of vehicle trips would vary by month depending on the construction activities.

Heavy construction is expected to occur between 6:00 AM and 5:00 p.m., Monday through Friday. Additional hours may be necessary to make-up schedule deficiencies or to complete critical construction activities. Some activities may continue 24 hours per day, seven days per week. Nighttime activities could include, but are not limited to, refueling equipment, staging material for the following day's construction activities, quality assurance/control, and commissioning.

Materials and supplies would be delivered to the Project site by truck. Truck deliveries would normally occur during daylight hours. However, there could be offloading and/or transporting of materials to the Project site on weekends and during evening hours.

Earthmoving activities are expected to be limited to the construction of access roads, O&M buildings, substations, energy storage systems, and storm water protection or storage (detention) facilities. Final grading may include revegetation with low lying grass or applying earth-binding materials to disturbed areas.

1.4 Operational Activities

Once completed, the Project would generally be limited to the following maintenance activities:

- Cleaning PV panels
- Monitoring electricity generation
- Providing site security
- Maintaining the facility: replacing or repairing inverters, wiring, and PV modules

The Project would operate continuously, seven days a week, until the anticipated repowering or decommissioning of the Project in 30 to 40 years. It is expected that the Project would require an operational staff of up to 20 full-time employees. The Project may share an O&M, substation, and/or transmission facilities with one or more nearby energy projects, which could reduce the proposed Project's on-site operational staff. Maintenance activities may occur seven days a week, 24 hours a day to ensure PV panel output when solar energy is available.

2 Background

2.1 Overview of Sound Measurement

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment (Caltrans 2013a).

In technical terms, sound levels are described as either a "sound power level" or a "sound pressure level," which while easily confused are two distinct characteristics of sound. Both share the same unit of measure, the decibel (dB). However, the sound power level, expressed as L_w, is the energy converted into sound by the source. As sound energy travels through the air, it creates a sound wave in the air that exerts pressure on receivers such as an eardrum or microphone, the SPL. Sound measurement instruments only measure SPL, and limits used in standards are generally SPL. Modeling uses the L_w of equipment to calculate the SPL at a distance.

Noise levels are commonly measured in dB using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels so that they are consistent with the human hearing response, which is most sensitive to frequencies around 4,000 Hertz and less sensitive to frequencies around and below 100 Hertz (Kinsler, et. al. 1999). Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used to measure earthquake magnitudes. A doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dB; dividing the energy in half would result in a 3 dB decrease (Crocker 2007).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not "sound twice as loud" as one source. It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA, increase or decrease (i.e., twice the sound energy); that a change of 5 dBA is readily perceptible (8 times the sound energy); and that an increase (or decrease) of 10 dBA sounds twice (half) as loud ([10.5x the sound energy] Crocker 2007).

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in level as the distance from the source increases. The manner by which noise reduces with distance depends on factors such as the type of sources (e.g., point or line, the path the sound will travel, site conditions, and obstructions). Noise levels from a point source typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance (e.g., construction, industrial machinery, ventilation units). Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013a). The propagation of noise is also affected by the intervening ground, known as ground absorption. A hard site, such as a parking lot or smooth body of water, receives no additional ground attenuation and the changes in noise levels with distance (drop-off rate) result from simply the geometric spreading of the source. An additional ground attenuation value of 1.5 dBA per doubling of distance applies to a soft site (e.g., soft dirt, grass, or scattered bushes and trees) (Caltrans 2013a). Noise levels may also be reduced by intervening structures; the amount of attenuation provided by this "shielding" depends on the size of the object and the frequencies of the noise levels. Natural terrain features such as hills and dense

woods, and man-made features such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5-dBA reduction in source noise levels at the receiver (Federal Highway Administration [FHWA] 2017). Structures can substantially reduce exposure to noise as well. The FHWA's guidelines indicate that modern building construction generally provides an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows.

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important factors of Project noise impact. Most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. One of the most frequently used noise metrics is the equivalent noise level (L_{eq}); it considers both duration and sound power level. L_{eq} is defined as the single steady A-weighted level equivalent to the same amount of energy as that contained in the actual fluctuating levels over time. Typically, L_{eq} is summed over a one-hour period. L_{max} is the highest root mean squared (RMS) sound pressure level within the sampling period, and L_{min} is the lowest RMS sound pressure level within the measuring period (Crocker 2007).

Noise that occurs at night tends to be more disturbing than that occurring during the day. Community noise is usually measured using Day-Night Average Level (L_{dn}), which is the 24-hour average noise level with a +10 dBA penalty for noise occurring during nighttime (10:00 PM to 7:00 AM) hours. The relationship between the peak-hour L_{eq} value and the L_{dn} depends on the distribution of traffic during the day, evening, and night.

2.2 Vibration

Groundborne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent structures. The number of cycles per second of oscillation makes up the vibration frequency, described in terms of Hz. The frequency of a vibrating object describes how rapidly it oscillates. The normal frequency range of most groundborne vibration that can be felt by the human body starts from a low frequency of less than 1 Hz and goes to a high of about 200 Hz (Crocker 2007).

While people have varying sensitivities to vibrations at different frequencies, in general they are most sensitive to low-frequency vibration. Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Vibration of building components can also take the form of an audible low-frequency rumbling noise, referred to as groundborne noise. Groundborne noise is usually only a problem when the originating vibration spectrum is dominated by frequencies in the upper end of the range (60 to 200 Hz), or when foundations or utilities, such as sewer and water pipes, physically connect the structure and the vibration source (Federal Transit Administration [FTA] 2018). Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern from vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High-frequency vibrations diminish much more rapidly than low frequencies, so low frequencies tend to dominate the spectrum at large distances from the source. Discontinuities in the soil strata can also cause diffractions or channeling effects that affect the propagation of vibration over long distances (Caltrans 2013b). When a building is impacted by vibration, a ground-to-foundation coupling loss will usually reduce the overall vibration level.

However, under rare circumstances, the ground-to-foundation coupling may actually amplify the vibration level due to structural resonances of the floors and walls.

Vibration amplitudes are usually expressed in peak particle velocity (PPV) or root mean squared (RMS) vibration velocity. The PPV and RMS velocity are normally described in inches per second (in./sec.). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used in monitoring of blasting vibration because it is related to the stresses that are experienced by buildings (Caltrans 2013b).

2.3 Existing Project Area Noise Levels

The Project site is located in a rural desert environment with scattered rural residential, commercial, and industrial uses. Ambient noise levels in this area are typically low, especially during the evening and nighttime hours. The primary sources of noise on-site and in the surrounding area include motor vehicles, wind, and fauna (birds, small mammals, etc.). The greatest vehicle noise would occur from vehicles on Highway 58. Additional noise sources in the area include aircraft associated with the Mojave Air and Space Port and the vehicles from the Hyundai California Proving Ground. The air and space port is located approximately one mile southwest of the nearest Project parcel, although the flight path for aircraft may occur over Project parcels. The Hyundai California Proving Ground is a testing facility for vehicles and is located adjacent to two Project parcels.

To evaluate existing noise levels in the area, seven 15-minute noise measurements (ST1 through ST7) and one 24-hour noise measurements (LT1) were taken on and near the Project site on September 18 and 19, 2019, using an ANSI Type II integrating sound level meter. Figure 3 shows the locations of noise measurements. The noise measurement locations were chosen to provide a representative range of ambient noise levels across the Project site and in the nearby area, especially near existing noise-sensitive residences and roadways. The short-term noise measurement results are shown in Table 2 and the long-term results are shown in Table 3. Detailed noise meter outputs are included in Appendix A.

Table 2 Noise Monitoring Results in the Project Site Vicinity

Measurement Number	Measurement Location	Sample Times	Approximate Distance to Primary Noise Source	dBA L_{eq}[1]
1	Adjacent to east of Red Roof Inn on Route 58 Business in Mojave	10:33 AM – 10:48 PM	60 feet from centerline of Route 58 Business	69
2	Camelot Boulevard and Somerset Drive	3:58 PM – 4:13 PM	125 feet from centerline of Camelot Boulevard	51
3	Oak Creek Road and Lee Street in Mojave	2:44 PM – 2:59 PM	30 feet from centerline of Oak Creek Road	51
4	Arroyo Avenue and Serrano Street in Mojave	2:19 PM – 2:34 PM	25 feet from centerline of Arroyo Avenue	56
5	Near 20th Street and Denise Avenue, east of SR 58	3:58 PM – 4:13 PM	30 feet from centerline of 20th Street	49
6	Highway 58, near road that leads to Decatur Avenue	4:30 PM – 4:45 PM	290 feet from Centerline of SR 58	70
7	Reed Avenue and 5th Street, near community of Actis	5:16 PM – 5:31 PM	25 from centerline of 5th Street	50

See Figure 3 for a map of Noise Measurement Locations.

[1] The equivalent noise level (L_{eq}) is defined as the single steady A-weighted level that is equivalent to the same amount of energy as that contained in the actual fluctuating levels over a period of time (essentially, the average noise level). For these measurements, the L_{eq} was over a 15-minute period.

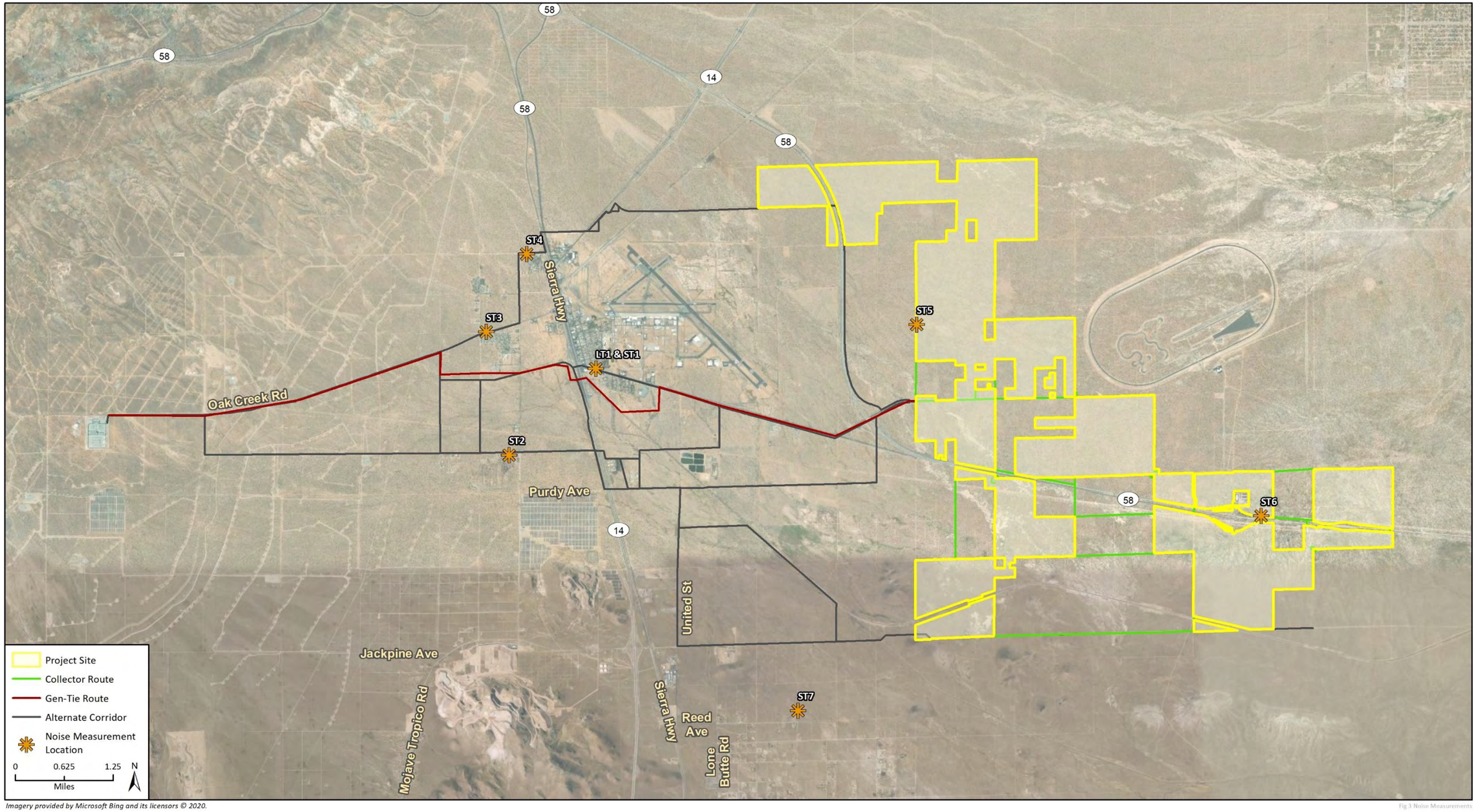
Source: Rincon Consultants, field measurements conducted on September 18, 2019, using ANSI Type II Integrating sound level meter. See Appendix A for measurement sheets. The measurement sheet identifies 70.0 dBA L_{eq} as the noise level for Measurement Number 1 and 3; this is a known bug with the Extech 407780A, which reports this noise value although the actual dBA L_{eq} does not match 70.0 dBA L_{eq}. The dBA L_{eq} for these measurements was calculated manually.

Table 3 Project Site Noise Monitoring Results – Long Term

Sample Time	dBA L_{eq}	Sample Time	dBA L_{eq}
LT1 - Adjacent to east of Red Roof Inn on Route 58 Business in Mojave, September 18-19, 2019			
10:32 AM	66	10:32 PM	60
11:32 AM	72	11:32 PM	60
12:32 PM	68	12:32 AM	69
1:32 PM	70	1:32 AM	59
2:32 PM	72	2:32 AM	69
3:32 PM	72	3:32 AM	65
4:32 PM	71	4:32 AM	69
5:32 PM	66	5:32 AM	71
6:32 PM	69	6:32 AM	70
7:32 PM	59	7:32 AM	69
8:32 PM	67	8:32 AM	73
9:32 PM	64	9:32 AM	67
		24-hour Noise Level	**69**

Source: Rincon Consultants, field measurements conducted on September 18 and 19, 2019, using ANSI Type II Integrating sound level meter. See Appendix A for measurement sheets. The measurement sheet identifies 70.0 dBA L_{eq} as the noise level for LT1; this is a known bug with the Extech 407780A, which reports this noise value although the actual dBA L_{eq} does not match 70.0 dBA L_{eq}. The dBA L_{eq} for these measurements was calculated manually.

Figure 3 Noise Measurement Locations



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Fig 3 Noise Measurements

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2.4 Regulatory Setting

Kern County

The Noise Element of the Kern County General Plan, which was adopted in 2004 and last updated in 2009, sets goals and policies that guide the physical development of the unincorporated areas under the County's discretionary land use authority. These goals include ensuring residents of Kern County are protected from excessive noise, moderate levels of noise are maintained in the County, and ensuring the protection of the economic base of Kern County by preventing the encroachment of incompatible land uses near known noise producing roadways, industries, railroads, airports, oil and gas extraction, and other sources. To help achieve these goals, the Noise Element includes policy requirements for new noise-sensitive land uses, noise level criteria, and enforcing the State Noise Insulation Standards. Implementation Measure F in the Noise Element requires that proposed commercial and industrial uses or operations be designed or arranged so as not to subject residential land uses to exterior noise levels in excess of 65 dBA Ldn and interior noise levels in excess of 45 dBA Ldn. Pursuant to Policy 5, the exterior noise standard applies to outdoor activity areas. Operation of the proposed solar energy Project would be subject to these County standards.

Noise issues are also addressed in Chapter 8.36 of the Kern County Code. These include acceptable hours of construction and limitations on construction related noise impacts on adjacent sensitive receivers. Noise-producing construction activities that are audible to a person with average hearing ability at a distance of 150 feet from a construction site, if the site is within 1,000 feet of an occupied residential dwelling, are prohibited between the hours of 9:00 PM to 6:00 AM on weekdays, and 9:00 PM to 8:00 AM on weekends. However, the following exceptions are permitted:

1. The resource management director or his designated representative may for good cause exempt some construction work for a limited time.
2. Emergency work is exempt from this section.

Kern County has not adopted specific policies or standards pertaining to vibration.

California City

Article 4, *Noise and Vibration,* of California City's Municipal Code contains operational noise limits for exterior and interior areas. Exterior noise standards are shown in Table 4. In addition to the exterior noise standards, the residential interior noise standard in California City is 55 dBA from 7:00 AM to 10:00 PM and 45 dBA from 10:00 PM to 7:00 AM

Table 4 California City Exterior Noise Standards

		Allowable Exterior Noise Level (dBA L_{eq})	
Noise Zone	**Noise Zone Definition (Type of Land Use)**	**7:00 AM to 10:00 PM**	**10:00 PM to 7:00 AM**
I	Single, double and multiple family residential properties located at a distance more than 600 feet from a major roadway	50	45
II	Single, double and multiple family residential properties located at a distance equal to or less than 600 feet from a major roadway	55	50
III	Commercial properties	65	60
IV	Manufacturing or industrial properties	70	70

- No person shall create noise, or allow the creation of noise on property owned, leased, occupied or otherwise controlled by such person, which causes the noise level when measured on other property to exceed:
  - The noise standard for a cumulative period of more than thirty minutes in any hour; or
  - The noise standard plus 5 dBA for a cumulative period of more than fifteen minutes in any hour; or
  - The noise standard plus 10 dBA for a cumulative period of more than five minutes in any hour; or
  - The noise standard plus 15 dBA for a cumulative period of more than one minute in any hour; or
  - The noise standard plus 20 dBA for any period of time.
- If the ambient noise level exceeds any of the above five noise limit categories, the cumulative period applicable to the category shall be increased to reflect the noise level.
- Each of the noise limits specified above shall be reduced by 5 dBA for impact or simple tone noises, or for noises consisting of speech or music.
- If the measurement location is on a boundary between two different noise zones, the lower noise level standard applicable to the noise zone shall apply.
- If the intruding noise source is continuous and cannot reasonably be discontinued or stopped for a time period whereby the ambient noise level can be determined, the measured noise level obtained while the source is in operation shall be compared directly to the allowable noise level standards as specified respective to the measurement location's designated land use and for the time of day the noise level is measured.

Source: Section 5-1.405 of the California City Municipal Code

Per Section 5-1.407 of the California City Municipal Code also states that noise sources associated with or vibration created by construction, repair or remodeling of real property or during authorized seismic surveys are exempt from the above standards under the following conditions:

- The activities occur between the hours of 6:00 AM and 8:00 PM between May 15 and September 15 of each year or between the hours of 7:00 AM and 8:00 PM during the remainder of the year.
- The activities do not take place on Sundays or federal holidays.
- The noise level created by such activities does not exceed 60 dBA plus the limits specific herein as measured on residential property; and
- A vibration does not endanger the public health, welfare and safety.

Per Section 5.1-412 and 5.1-413 of the California City Municipal Code, if the generator of noise is unable to comply with the above standards (e.g., performing construction activities outside of the allowed hours), the owner or operator of a noise or vibration source may file an application with the Health Officer for a variance. The owner or operator shall set forth actions taken to comply with the reasons why immediate compliance cannot be achieved, a proposed method of achieving compliance, and a proposed time schedule for accomplishment. The application shall be

accompanied by a fee in the amount established from time to time by resolution. A separate application shall be filed for each noise source. Several mobile sources under common ownership, or several fixed sources on a single property may be combined into one application. Upon receipt of the application and fee, the Health Officer shall refer it with a recommendation within 30 days to the Planning Commission. The Planning Commission will consider the variance with the following:

- The magnitude of nuisance caused by the offensive noise;
- The uses of property within the area of impingement by the noise;
- The time factors related to study, design, financing and construction of remedial work;
- The economic factors related to age and useful life of the equipment; and
- The general public interest, welfare and safety.

3 Impact Analysis

3.1 Methodology and Significance Thresholds

To assess the potential for temporary construction and long-term operational noise impacts, noise-sensitive receivers closest to the Project site were identified. Figure 4 shows the general locations of noise-sensitive receivers used in the analysis. The Project parcels are generally located in an isolated area from noise-sensitive receivers. The nearest residence in Mojave is approximately 2.0 miles from the nearest Project parcel and the nearest residences in California City are approximately 2.9 miles from the eastern-most Project parcel. Kern County land near the Project site is mostly vacant and undeveloped; several isolated residences are located approximately 1.2 miles south of the southwestern most Project parcel (near the unincorporated community of Actis). Some of the proposed routes for the gen-tie corridor would run adjacent to noise-sensitive receivers in Mojave such as single-family residences and motels/hotels. For the analysis, it is assumed that gen-tie corridor construction would occur within 25 feet of noise-sensitive receivers.

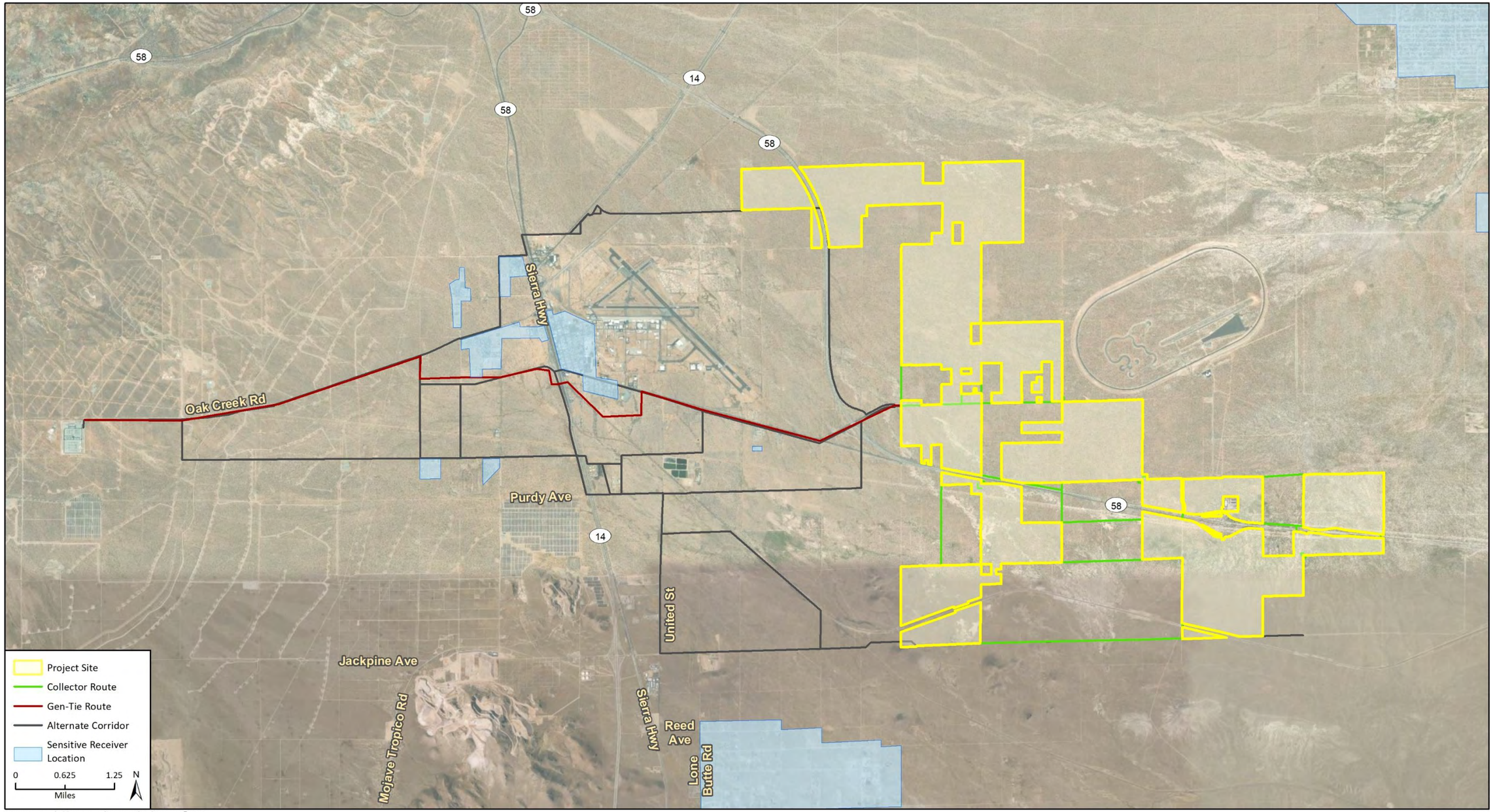
Due to the large distance included in SoundPLAN noise modeling between Project operation at the project parcels that generate noise and the nearest noise-sensitive receivers (e.g., located from 1.2 miles up to several miles from Project activities), the accuracy of the models compared to real world conditions is uncertain. This is because the models assume perfect travel of noise with standard atmospheric attenuation, while in the real world complicating variables would occur that the models are unable to or inaccurately able to capture (e.g., interference with other noise sources, curvature of the earth, complicated atmospheric or topographical conditions, etc.). Therefore, with the simplicity of the models and the complicated variables that come into play with large distances between a noise source and a receiver, the modeling results at these distances should be considered theoretical in nature.

Exposure of the proposed solar facility to ambient noise was not evaluated because the solar facility would not be a noise-sensitive land use.

Construction and Decommissioning Noise

The FHWA's software program Roadway Construction Noise Model (RCNM) was used to estimate construction noise at nearby sensitive receivers. Construction noise modeling results are provided in Appendix B. The types of construction equipment that would be used on-site were provided by 8minute Solar Energy. RCNM provides reference noise levels at the standard distance of 50 feet and estimates noise levels at nearby sensitive receivers based on a standard noise attenuation rate of 6 dB per doubling of distance (line-of-sight method of sound attenuation for point sources of noise such as construction equipment). Although construction activity would typically take place in the interior of Project parcels, this analysis conservatively assumes that equipment may be used along the boundaries of Project parcels facing the nearest noise-sensitive receivers. In addition, RCNM does not consider topography or other environmental factors that attenuate noise. The average noise levels (L_{eq}) from all combined equipment were modeled at the nearest noise-sensitive receivers. Noise levels were modeled from the use of equipment at individual Project parcels and the gen-tie corridor, as well as from multiple sites simultaneously under construction.

Figure 4 Locations of Noise-sensitive Receivers Closest to Project Site



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Fig 4 Sensitive Receivers

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On-site construction noise would cause a significant impact if it occurs outside of the County's permitted hours of 6:00AM to 9:00 PM on weekdays and 8:00 AM to 9:00 PM on weekends, within 1,000 feet of an occupied residential dwelling, unless the applicant obtains an exemption to prohibited nighttime construction noise pursuant to Chapter 8.36 of the Kern County Code and implements a noise control plan to reduce nighttime construction noise. On-site construction noise would also create a significant impact if it exceeds California City's 60 dBA construction noise limit. In addition, a significant impact may occur if daytime construction activity results in extremely high noise levels that could be detrimental to the health and safety of nearby residents.

As stated in Section 1.2, *Project Site and Description*, at the end of the Project's useful life (anticipated to be 30-40 years), the proposed solar facility and associated infrastructure would be decommissioned in accordance with then-current decommissioning practices. At this time, it is not possible to quantitatively evaluate potential noise that would result from Project decommissioning, due to the uncertainty of when decommissioning would occur and the technology or construction practices that would be available at that time. Therefore, based on current decommissioning practices and as a reasonable worst-case scenario, this analysis assumes that noise impacts generated during future decommissioning would be similar to noise impacts generated during the construction phase of the Project.

Construction Traffic Noise

Noise levels from existing traffic and with-construction traffic along SR 58, Route 58 Business, Oak Creek Road, and Arroyo Avenue were estimated in terms of peak-hour L_{eq} using the Traffic Noise Model, Version 2.5 (TNM 2.5) (FHWA 2004). Construction activities related to the solar arrays at the Project parcels would occur in isolated areas with no noise-sensitive receivers along the roadways; therefore, noise levels along these roadways were not modeled. Noise levels along Route 58 Business, Holt Street, Oak Creek Road, and Arroyo Avenue were only modeled with consideration of construction traffic for the potential gen-tie alignments, as the other construction activities would not affect these roadways. The model calculations are based on estimates of existing vehicle trips collected by Kern Council of Governments in 2017, and from Caltrans traffic counts taken in 2017 for SR 58. Vehicle trips generated by Project construction activities are estimated by traffic volumes provided in the Aratina Solar Project Traffic Impact Analysis (EPD Solutions, Inc. 2019), a similar project in the region. The highest construction trip generation for that Project was found to be during the overlap of concrete foundations, structural steel work, and electrical/instrumentation work. The Aratina Solar Project also assumed up to 1,000 workers during peak construction periods; which would occur during the overlap of concrete foundations, structural steel work, and electrical/instrumentation work.-

A vehicle trip is defined as a one-direction vehicle movement. The total number of trips generated by the Project includes both inbound and outbound trips. The roadways were modeled conservatively using a straight-line analysis (i.e., assuming no attenuation from topography and a straight roadway). Loose soil was used as the default ground type; per FHWA's *Ground and Pavement Effects using FHWA's Traffic Noise Model 2.5* report, an example of loose soil ground can be dirt soil with sparse vegetation, similar to the environmental setting of the area (FHWA 2010).

Table 5 shows the estimated number of existing and construction-generated vehicle trips at the modeled roadway segments. The table also includes the estimated speeds for each roadway used in the model. The modal split of construction trips was assumed to be 95 percent passenger cars and 5 percent heavy trucks for construction on Project parcels and 83 percent passenger cars and 17 percent heavy trucks for gen-tie corridor construction, consistent with the Aratina Solar Project

Traffic Impact Analysis (EPD Solutions, Inc. 2019). The modal split of existing trips was assumed to be a typical 94 percent passenger cars, 4 percent medium trucks, and 2 percent heavy trucks. Peak hour traffic was assumed to be 10 percent of daily traffic (a standard conversion rate between peak-hour and daily traffic).

Table 5 Estimated Existing and Construction Vehicle Trips

Roadway Segment	Speed Limit (mph)	Existing Daily Vehicle Trips[1]	Construction Daily Vehicle Trips[2]	Existing + Construction Daily Vehicle Trips
SR 58, between Route Business 58 and California City Boulevard	65 (55 for heavy trucks)	16,500	2,110	18,610
Route 58 Business	40	2,633[3]	180	2,813
Holt St., north of Camelot Boulevard	40[4]	902	180	1,082
Oak Creek Rd., east of Koch St.	55	2,198	180	2,378
Arroyo Ave., west of Route 58 Business	40[4]	921	180	1,101

[1] Existing average daily vehicle trips obtained from 2017 traffic counts on local roadways (Kern Council of Governments 2019), and from Caltrans traffic counts taken in 2017 for SR 58 (Caltrans 2019).

[2] Daily vehicle trips generated by construction were estimated by Aratina Solar Project Traffic Impact Analysis (EPD Solutions, Inc. 2019), a similar project in the region that would also have 1,000 peak construction workers. The analysis also assumes that only gen-tie corridor related construction trips would occur on Mojave streets (Route 58 Business, Holt Street, Oak Creek Road, and Arroyo Avenue), as construction on the Project parcels is located in an area where trips through Mojave would not be necessary.

[3] No traffic volumes for Route 58 Business available; as a proxy, the nearest roadway in Mojave with traffic counts was used (Airport Boulevard).

[4] No speed limit observed on the roadways; speed limit determined by similar roadways and observed traffic.

For traffic-related noise, impacts are considered potentially significant if Project-generated traffic would result in exposure of sensitive receivers to an unacceptable increase in noise levels during construction and/or operational activities. Recommendations in the FTA's *Transit Noise and Vibration Impact Assessment Manual* were used to determine whether increases in traffic noise would be unacceptable (FTA 2018). Under these FTA criteria, as existing ambient noise increases, the "allowable" increase in noise exposure due to a project is reduced. Table 6 shows the FTA criteria considered when evaluating traffic noise generated by this Project. If sensitive receivers would be exposed to long-term traffic noise increases exceeding these criteria, impacts may be considered significant.

Table 6 Significance of Changes in Roadway Noise Exposure

Existing Noise Exposure (dBA L_{dn} or L_{eq})	Allowable Noise Exposure Increase (dBA L_{dn} or L_{eq})
40-45	10
45-50	7
50-55	5
55-60	3
60-65	2
65-74	1
75+	0

Source: FTA 2018

On-Site Operational Noise

On-site operational noise sources were modeled with SoundPLAN. Propagation of modeled stationary noise sources was based on ISO Standard 9613-2, "Attenuation of Sound during Propagation Outdoors, Part 2: General Method of Calculation." The assessment methodology assumes that all receivers would be downwind of stationary sources. This is a worst-case assumption for total noise impacts, since, in reality, only some receivers would be downwind at any one time.

Operational noise sources from the Project include PV solar arrays with associated electrical equipment (such as transformers and inverters), energy storage systems, substations, collector lines, and the operations and maintenance facility. Details of each source are provided under Section 3.2.

Operational noise would result in a significant impact if it would exceed Kern County's standard of 65 dBA L_{dn} for exterior noise at the nearest noise-sensitive receptors or California City's 50 dBA L_{eq} from 7:00 AM to 10:00 PM or 45 dBA L_{eq} from 10:00 PM to 7:00 AM noise limits for single- and multi-family residences.

Operational Traffic Noise

Vehicle trips generated by Project operational activities are estimated by traffic volumes provided in the Aratina Solar Project Traffic Impact Analysis, a similar project in the region, which listed 22 trips for 5 employees (EPD Solutions, Inc. 2019) or 4.4 trips per employee. The Bellefield Solar Farm Project is estimated to have 20 employees; therefore, Project operation is estimated to generate 88 trips per day.

The traffic noise calculations are based on estimates of existing vehicle trips collected by Kern Council of Governments in 2017, and from Caltrans traffic counts taken in 2017 for SR 58 (see Table 5). These traffic volumes were compared with the expected increase in traffic volumes after construction of the Project. Traffic noise calculations indicate that, in general, a 10 percent increase in traffic volume would raise traffic noise by approximately 0.4 dBA, a 20 percent increase would raise traffic noise by about 0.8 dBA, a 30 percent increase would result in an approximately 1.1 dBA increase in traffic noise, and a 40 percent increase would increase traffic noise by about 1.5 dBA. The significance of the Project's increase in traffic noise was determined using the FTA criteria shown in Table 6.

Vibration

Vibration associated with construction of the proposed Project has the potential to be an annoyance to nearby land uses. The criteria used for California City is 0.05 in./sec. RMS, which is specified by California City's municipal code.

3.2 Results

Construction and Decommissioning Noise

Construction and decommissioning of the Project would involve the use of noise-generating equipment during various phases, including transport of personnel and materials to the site, heavy machinery used in grading and clearing the site, pneumatic post drivers to install foundation supports for solar array modules, as well as equipment used during construction of the proposed solar arrays, infrastructure improvements, and related structures. Emergency diesel generators may be used during construction activities.

Table 7 shows the noise levels associated with heavy construction equipment at a reference distance of 50 feet from the source. As shown in this table, noise levels at this distance can range from about 74 to 85 dBA, depending upon the types of equipment in operation at any given time and phase of construction (FHWA 2006). The highest noise levels during construction would result from pneumatic post-driving of foundation support posts (similar to steel posts used in highway guard rails) for the solar array modules and from the use of auger drill rigs and scrapers.

Table 7 Typical Construction Equipment Noise Levels

Equipment	Acoustical Usage Factor (%)[1]	Measured L_{max} (dB at 50 feet)
Augur Drill Rig	20	84
Backhoe	40	78
Compactor (ground)	20	83
Concrete Mixer Truck	40	85
Crane	16	85
Dozer	40	82
Dump Truck	40	76
Excavator	40	81
Flat Bed Truck	40	74
Front End Loader	40	79
Generator	50	81
Grader	40	83
Pickup Truck	40	75
Pneumatic Tools	50	85
Roller	20	80
Scraper	40	84
Warning Horn	5	83
Welder/Torch	40	74

[1] The average fraction of time each piece of construction equipment is operating at full power (i.e., its loudest condition) during a construction operation.

Source: FHWA 2006

Project components at all Project parcels and the gen-tie would be constructed over a 12- to 18-month period. This analysis makes a conservative assumption that all construction at a Project parcel and the gen-tie would occur simultaneously (i.e., modeling assumed all equipment listed in Table 7 would be operational at once). In practice, however, grading and site preparation would take place sequentially at the Project sites. When these activities are completed at one Project parcel, post driving would start in that area while grading equipment would begin operating at another Project parcel.

Construction activities would be subject to Kern County and California City policies and regulations. Heavy construction activities would normally occur on-site between the hours of 6:00 AM and 5:00 PM, which is between the acceptable hours for construction listed in Section 8.36.020(H) of the Kern County Code for all year and Section 5-1.407 of the California City Municipal Code for between May 15 and September 15. However, construction may occur between 6:00 AM and 7:00 AM, which is outside of the exempt hours in California City between September 16 and May 14. In addition, additional hours may be necessary to make up schedule deficiencies or to complete critical construction activities. As a result, some construction activities may be required to continue 24 hours per day, seven days per week. Activities that generate relatively low amounts of noise, such as refueling equipment, staging material for the following day's construction activities, quality assurance/control, and commissioning, may potentially occur between the hours of 9:00 PM and 6:00 AM on weekdays and the hours of 9:00 PM and 8:00 AM on weekends. Per Section 8.36.020 of the Kern County Code, these activities would require approval from the development services agency director or his or her designated representative if audible to a person with average hearing ability at a distance of 150 feet from a construction site, if the site is within 1,000 feet of an occupied residential dwelling. Per Section 5-1.412 of the California City Municipal Code, a variance can be requested for construction work outside of allowed hours; this variance is reviewed by California City's Planning Commission that will consider the magnitude, uses, time, economic factors, and general public interest of the construction activities in granting the waiver.

Noise-sensitive receivers near Project construction include residences in California City and the Kern County communities of Mojave and Actis. These land uses would experience a temporary increase in noise during construction of the Project. The following subsections detail the impacts to noise-sensitive receivers in proximity to the Project parcels and the gen-tie corridor.

Construction at Project Parcels

Table 8 shows the estimated average noise level from parcel construction at the nearest noise-sensitive areas, based on a standard noise attenuation rate of 6 dBA per doubling of distance for point sources. Each noise-sensitive land use listed is the closest in that general area, and therefore noise-sensitive receivers in those general areas further away would experience lower noise levels.

Table 8 Noise Levels at Various Distances from Construction at the Project Parcels

Receptor	Distance from Construction (feet)	Noise Level at Receptor (dBA L_{eq})
Reference Distance	50	89
Single-family residence near Actis[1]	6,300	47
Single-family residence in Mojave[2]	13,200	41
Single-family residence in California City[3]	15,300	40

See Appendix B

[1] Closest noise-sensitive land use in the Kern County community of Actis.

[2] Closest noise-sensitive land use in the Kern County community of Mojave.

[3] Closest noise-sensitive land use in California City.

As shown in Table 8, although construction noise levels from simultaneous heavy equipment operation would reach 89 dBA L_{eq} at the reference distance of 50 feet, due to the large distance between construction at the Project parcels and the nearest noise-sensitive receivers, construction noise levels under the conservative scenario analyzed would only reach as high as 47 dBA L_{eq}. Most construction activities would occur in the body of each parcel, farther from nearby noise-sensitive receivers than analyzed, and would therefore result in lower noise levels, especially in later construction phases when equipment with the loudest equipment, such as pneumatic tools and graders, would no longer be used. Heavy construction activity involving pneumatic tools and graders also would not occur during nighttime hours.

Per Section 8.36.020 of the Kern County Code, construction activities outside of acceptable hours would require approval from the development services agency director or designated representative if audible to a person with average hearing ability at a distance of 150 feet from a construction site, if the site is within 1,000 feet of an occupied residential dwelling. As shown in Table 8, the closest occupied residential dwelling is located 6,300 feet from construction at the Project parcels. Because the nearest sensitive receptor is more than 1,000 feet away, nighttime construction activities outside of permitted hours would not require approval from the development services agency direction or designated representative. Therefore, construction noise generated at the Project parcels would not have a significant impact. Nevertheless, implementation of measures in Section 4, *Recommendations*, would reduce construction noise to the extent feasible.

The closest California City residences are located much further away and therefore would be subject to minor noise levels of 40 dBA L_{eq}. These noise levels would be below California City's 60 dBA construction noise limit. Although construction at Project parcels may occur outside of California City's allowed construction hours, a noise level of 40 dBA L_{eq} would be below California City's nighttime exterior and interior noise standard of 45 dBA L_{eq}. Therefore, noise generated by construction at California City sensitive receivers would not have a significant impact. Nevertheless, implementation of measures in Section 4, *Recommendations*, would reduce construction noise to the extent feasible.

Gen-Tie

In connecting to the SCE Windhub Substation, the gen-tie corridor may be routed through Mojave and would run adjacent to noise-sensitive receivers in Mojave. Therefore, for the purposes of this analysis, at the closest point of construction, the gen-tie routes would be located approximately 25 feet from single-family residences and a mobile home park (Santiago Estates of Mojave). These are the nearest sensitive receivers to any of the gen-tie route alternatives, and they would experience a temporary increase in noise during construction of the Project. As modeled, construction of the gen-tie would potentially involve the use an auger drill rig, front end loader, grader, pickup truck, crane, and concrete mixer truck. Table 9 shows construction noise levels at various distances from gen-tie construction activity, including those of the nearest noise-sensitive receivers, based on a standard noise attenuation rate of 6 dBA per doubling of distance for point sources of noise.

Table 9 Typical Construction Noise Levels at Various Distances from Gen-Tie Construction

Receptor	Distance from Construction (feet)	Noise Level at Receptor (dBA L_{eq})
Reference Distance	50	84
Single-family residence/mobile home in Mojave[1]	25	90
Single-family residence in California City[2]	33,260	28

See Appendix B

[1] Closest noise-sensitive land use in the Kern County community of Mojave.

[2] Closest noise-sensitive land use in California City.

As shown in Table 9, simultaneous heavy equipment use during gen-tie construction would generate a noise level of up to 90 dBA L_{eq} when within 25 feet of single-family residences/mobile homes in Kern County. Most construction activities would occur further from nearby noise receptors, and would therefore result in lower noise levels, especially in later construction phases when equipment with louder equipment, such as drill rigs, cranes, and concrete mixer trucks, would no longer be used. Heavy construction activity involving drill rigs, cranes, and concrete mixer trucks also would not occur during nighttime hours. Per Section 8.36.020 of the Kern County Code, construction activities outside of acceptable hours would require approval from the development services agency director or designated representative if audible to a person with average hearing ability at a distance of 150 feet from a construction site, if the site is within 1,000 feet of an occupied residential dwelling. Because sensitive receivers in Mojave are closer than 1,000 feet away from gen-tie construction, County approval and implementation of a noise control plan would be required unless nighttime construction noise is inaudible at nearby residences. In addition, daytime construction noise levels in excess of 70 dBA L_{eq} could disturb nearby residents. Therefore, cumulative construction noise would have a potentially significant temporary impact. Section 4, *Recommendations*, provides measures to mitigate construction noise outside of permitted hours. Gen-tie construction in Kern County would not affect noise-sensitive receivers outside of Mojave.

The closest California City residences are located much further away and therefore would be subject to minor noise levels of 28 dBA L_{eq}. These noise levels would be below California City's 60 dBA construction noise limit. Although construction of the gen-tie may occur outside of California City's allowed construction hours, a noise level of 28 dBA L_{eq} would be inaudible in comparison to ambient noise levels and would be below California City's nighttime exterior and interior noise standard of 45 dBA L_{eq}. Therefore, construction noise generated by gen-tie construction at California City sensitive receivers would not have a significant impact. Nevertheless, implementation of measures in Section 4, *Recommendations*, would reduce construction noise to the extent feasible.

Project Decommissioning

As stated in Section 1.2, *Project Site and Description*, at the end of the Project's useful life (anticipated to be 30-40 years), the solar facility and associated infrastructure may be decommissioned in accordance with then-current decommissioning practices. Given the Project's operating life cycle and distant timeframe for decommissioning activities, it is too speculative to quantify the potential noise impacts that could occur during decommissioning activities. On a rough basis, decommissioning would be similar to Project construction and be completed in 12 to 18 months. Assuming that the facility would be torn down and the materials present recycled or

disposed, temporary noise associated with such actions are assumed to be generally similar to the noise levels that would result from Project construction. Similar to the noise generated during construction of the Project, decommissioning activities would be conducted in accordance with all applicable requirements in effect at the time of Project termination. Potential future environmental effects associated with Project decommissioning would be addressed at the time decommissioning is proposed consistent with regulations in effect at that time. A final decommissioning plan, based on then-current technology, site conditions, and regulations, would be prepared prior to actual decommissioning.

Cumulative On-Site Construction Noise

As described in Section 1.2, *Project Site and Description*, Project components at all sites would be constructed over a 12- to 18-month period. This analysis makes a conservative assumption that construction at all Project parcels and the gen-tie would occur simultaneously. Concurrent construction activity at more than one parcel and the gen-tie line may expose nearby residences to cumulative noise impacts. This analysis of cumulative effects focuses on the effects of concurrent construction activities for the worst-case scenario (i.e., the closest residences which would be exposed to construction activities at multiple sites).

Some residences located in Mojave would be exposed to adjacent construction noise from gen-tie construction and from Project parcels. Because of the Mojave residences proximity to gen-tie construction, cumulative noise levels are dominated by gen-tie construction noise. A residence that may be within 25 feet of gen-tie construction that would be closest to parcel construction is a single-family residence located at the southeastern corner of Fremont Avenue. General construction activities would occur on parcels located at a distance of approximately 20,890, 23,850, and 28,650 feet. This residence is representative of a reasonable worst-case scenario for cumulative construction noise impacts, assuming concurrent construction of gen-tie corridor and the nearest Project parcels. Table 10 estimates the cumulative construction noise levels for this scenario, which could reach approximately 90 dBA L_{eq}.

Table 10 Cumulative Construction Noise Levels for Worst-Case Scenario[1]

Project Site	Distance from Construction (feet)	Noise Level at Receptor (dBA L_{eq})
Gen-tie	25	90
Project Parcel	20,890	37
Project Parcel	23,850	36
Project Parcel	28,650	34
Cumulative Noise Level		**90**

[1] Worst-case scenario is for a single-family residence located at the southeastern corner of Fremont Avenue in Kern County community of Mojave, which is closest of residences to the Project parcels that is adjacent to gen-tie construction.

Per Section 8.36.020 of the Kern County Code, construction activities outside of acceptable hours would require approval from the development services agency director or designated representative if audible to a person with average hearing ability at a distance of 150 feet from a construction site, if the site is within 1,000 feet of an occupied residential dwelling. Because sensitive receivers in Mojave are closer than 1,000 feet away from construction, County approval and implementation of a noise control plan would be required unless nighttime construction noise is inaudible at nearby residences. In addition, daytime construction noise levels in excess of 70 dBA L_{eq} could disturb nearby residents. Therefore, cumulative construction noise would have a potentially significant temporary impact. Section 4, *Recommendations*, provides measures to mitigate construction noise outside of permitted hours.

Construction Traffic Noise

Construction of the Project would increase traffic noise offsite from commuting construction workers and from haul trucks bringing materials to and from the Project site. As mentioned previously, Project components at the Project parcels and the gen-tie corridor would be constructed simultaneously over a 12- to 18-month period. This could expose nearby residences to cumulative noise from construction traffic from the Project parcels and the gen-tie corridor. This analysis of cumulative effects focuses on the effects of concurrent construction traffic for the worst-case scenario (i.e., the closest residences which would be exposed to construction traffic for all sites). Given the location of the Project parcels, it is assumed all traffic associated with construction on the parcels and gen-tie would occur on SR 58; the smaller roads that lead to the parcels were not analyzed as no noise-sensitive receivers are located on these rural roads. For the roadway segments within Mojave, only traffic generated by gen-tie corridor construction was assumed to travel on these roadways. Table 5 in Section 3.1, *Methodology and Significance Thresholds*, compares existing daily traffic volumes on nearby road segments to anticipated traffic generated by Project construction. Based on these traffic volumes, Table 11 shows modeled traffic noise levels at the nearest receivers under existing traffic conditions and with construction traffic.

Table 11 Construction Traffic Noise

Roadway	Nearest Sensitive Receiver	Distance from Roadway Centerline to Nearest Sensitive Receiver (feet)	Existing Traffic Noise (dBA L_{eq})	With-Construction Traffic Noise (dBA L_{eq})	Change in Traffic Noise (dBA L_{eq})	FTA Allowable Noise Exposure Increase (dBA L_{eq})
SR 58, between Route Business 58 and California City Boulevard	Single-family residences in Mojave	14,500	19	20	1	10
Route 58 Business	Single-family residences in Mojave	90	55	56	1	3
Holt St., north of Camelot Boulevard	Single-family residences in Mojave	50	56	58	2	3
Oak Creek Rd., east of Koch St.	Single-family residences in Mojave	50	60	61	1	2
Arroyo Ave., west of Route 58 Business	Single-family residences in Mojave	50	56	58	2	3

As shown in Table 11, construction traffic would increase noise levels by up to 2 dBA L_{eq} at the nearest sensitive receivers from Project construction. However, none of the traffic noise increases would exceed the applicable FTA criteria. Therefore, the short-term increase in traffic noise from Project construction would be less than significant.

On-Site Operational Noise

The Project would operate continuously, seven days a week, until the anticipated repowering or decommissioning of the Project in 30 to 40 years. Stationary noise sources during operation would include PV solar arrays with associated electrical equipment (such as transformers and inverters), energy storage systems, substations, collector lines, and the operations and maintenance facility. Electrical equipment produces a discrete low-frequency humming noise. The noise from transformers is produced by alternating current flux in the core, which causes it to vibrate.

Transformers would be located within the inverters, which would lie within an enclosed or canopied metal structure. Within enclosures, inverters typically produce a noise level of 58 dBA L_{eq} at the source (Monterey County 2014). However, a fully enclosed metal structure would attenuate noise from inverter stations more effectively than would a canopy structure with open walls. It is unknown at this time whether the inverters/transformers would be enclosed or open. This would be determined during design once the inverter/transformer manufacturer has been selected. Open inverters would generate a noise level of approximately 52 dBA at a distance of 75 feet (*California Valley Solar Project Final EIR*, San Luis Obispo County 2011). If the inverters are enclosed, each inverter enclosure may also include heating, ventilation, and air conditioning (HVAC) systems mounted on the exterior of the inverter enclosure, which would generate a noise level of 58 dBA at a distance of 75 feet.

Table 12 lists representative noise levels of equipment used for similar solar projects that are assumed to be used on the Project site.

Table 12 Estimated Noise Rating for Equipment Utilized During Project Operations

Equipment Type	Reference Noise Level (dBA L_{eq})	Distance from Source (feet)
Gen-Tie [1]	20	50
PV Panel	44	50
500+ kW Inverter (unenclosed)	52	75
Transformer	58	3.3
Inverter HVAC System	58	75

[1] Only applicable to the gen-tie transmission line.

Sources: U.S. Department of Energy 2011; San Luis Obispo County 2011; Illingworth and Rodkin 2009; Kern County 2014; Monterey County 2014

As shown in Table 12, it is expected that the loudest noise generated by on-site solar operations would come from the HVAC systems at 58 dBA L_{eq} at a distance of 75 feet from the source. As the closed inverter would generate a higher noise level than an open inverter due to the inclusion of HVAC units, the enclosed inverters are conservatively used for this analysis. The combined noise levels from the HVAC systems and transformers, which would be anticipated to operate simultaneously, are analyzed below at the closest sensitive receivers through SoundPLAN modeling. Noise levels from the gen-tie transmission line, PV panels, and substations/energy storage systems

are discussed separately, as these noise sources would be minor in comparison to the HVAC systems and transformers and were not modeled.

Solar Array Noise

Sensitive receivers in the area include single- and multi-family residences in Kern County (communities of Actis and Mojave) and single-family residences located in the southern neighborhoods of California City. Noise levels from the Project's solar array operations (transformers and inverters [HVAC]) are shown in Table 13, and noise level contours and receiver locations are shown in Figure 5.

Table 13 Operational Noise Levels at Nearest Sensitive Receivers

Receiver	Receiver Description	Jurisdiction[1]	Noise Level at Receiver		Exceed Threshold?
			dBA L_{eq}	dBA L_{dn}	
R1	Nearest Mojave Residence	Kern County	15	21	No
R2	Nearest Actis Residence	Kern County	12	19	No
R3	Nearest California City Residence	California City	<0	<0	No

Note: Calculations completed in SoundPLAN; see Figure 5 for receiver locations.

[1] Operational noise would result in a significant impact depending on the jurisdiction it is location in; the Kern County standard is 65 dBA L_{dn} for exterior noise at the nearest noise-sensitive receptors, and the California City standard is 50 dBA L_{eq} from 7:00 AM to 10:00 PM or 45 dBA L_{eq} from 10:00 PM to 7:00 AM noise limits at single- and multi-family residences.

As shown in Table 13, operational noise levels from the project site would reach up to 19 dBA L_{dn} and 21 dBA L_{dn} at Kern County sensitive receivers near Actis and Mojave, respectively. Due to the distance and topography in between the parcels and the nearest sensitive receivers in California City, project noise levels at those receivers would be below zero dBA L_{dn}. These noise levels would be well below Kern County's standard of 65 dBA L_{dn} for exterior noise at the nearest noise-sensitive receptors or California City's 50 dBA L_{eq} from 7:00 AM to 10:00 PM and 45 dBA L_{eq} from 10:00 PM to 7:00 AM noise limits for residences. The noise would not be audible over the existing ambient noise in the areas. Therefore, operational noise impacts from the Project would be less than significant.

Gen-Tie

The gen-tie transmission line would generate noise from the corona affect, which is a phenomenon associated with the electrical ionization of the air that occurs near the surface of the energized conductor and suspension hardware due to very high electric field strength. This is audible power line noise that is generated from electric corona discharge, which is usually experienced as a random crackling or hissing sound. The corona effect on the gen-tie transmission line would generate a noise level of approximately 20 dBA at a distance of 50 feet (*California Valley Solar Project Final EIR*, San Luis Obispo County 2011). This is the approximate distance to the nearest residences from the gen-tie route. As observed during a site visit to the area and transmission lines from existing solar farms in the area, noise levels from these transmissions lines were not detected over the existing ambient noise sources in the area (wind, vehicles, planes, and trains) just outside of the solar farm properties. Therefore, per site observations and the general low noise of transmissions lines, gen-tie noise would not exceed County's standard of 65 dBA L_{dn} at the nearest residences, and impacts would be less than significant.

PV Panel

PV panel noise would come from the tracking motors. These systems involve the panels being driven by motors to make brief, incremental adjustments to track the arc of the sun to maximize the solar effect. While these motors may generate noise of up to 44 dBA at 50 feet, these motors would operate briefly throughout an hour (e.g., several minutes per hour) as the sun moves west across the sky, and then would reset at night to face the eastern sky. By operating only several minutes per hour, the hourly noise level would be negligible at the nearest sensitive receivers. In addition, as observed during a site visit to the area and viewing of existing solar farms in the area, noise levels from PV panel tracking were not detected over the existing ambient noise sources in the area (wind, vehicles, planes, and trains) just outside of the solar farm properties. Therefore, noise levels from the PV panels would be less than significant.

Substation/Energy Storage System

The substation and energy storage systems would likely be constructed in a similar area of the Project. These facilities would collect, transmit, and store energy generated by the solar arrays. Noise generated by these facilities may include HVAC units. However, the transformers and inverters analyzed earlier in this section would include a much larger number of HVAC units for the inverters and additional noise from the transformers spread across the Project site that would be more prominent than the noise generated by the substation and energy storage system, which would be located in one area of the Project sites. In addition, as observed during a site visit to the area and viewing of existing solar farms in the area, noise levels from substations and energy storage systems were not detected over the existing ambient noise sources in the area (wind, vehicles, planes, and trains) just outside of the solar farm properties. Therefore, noise levels would be less than significant.

Operational Traffic Noise

Once the Project is complete, vehicle trips to the Project site would be associated with operations and maintenance of the solar facility. In addition, the Project would require occasional nighttime activities, including deliveries, repairs, maintenance, office and administrative activities, security personnel, and emergency response.

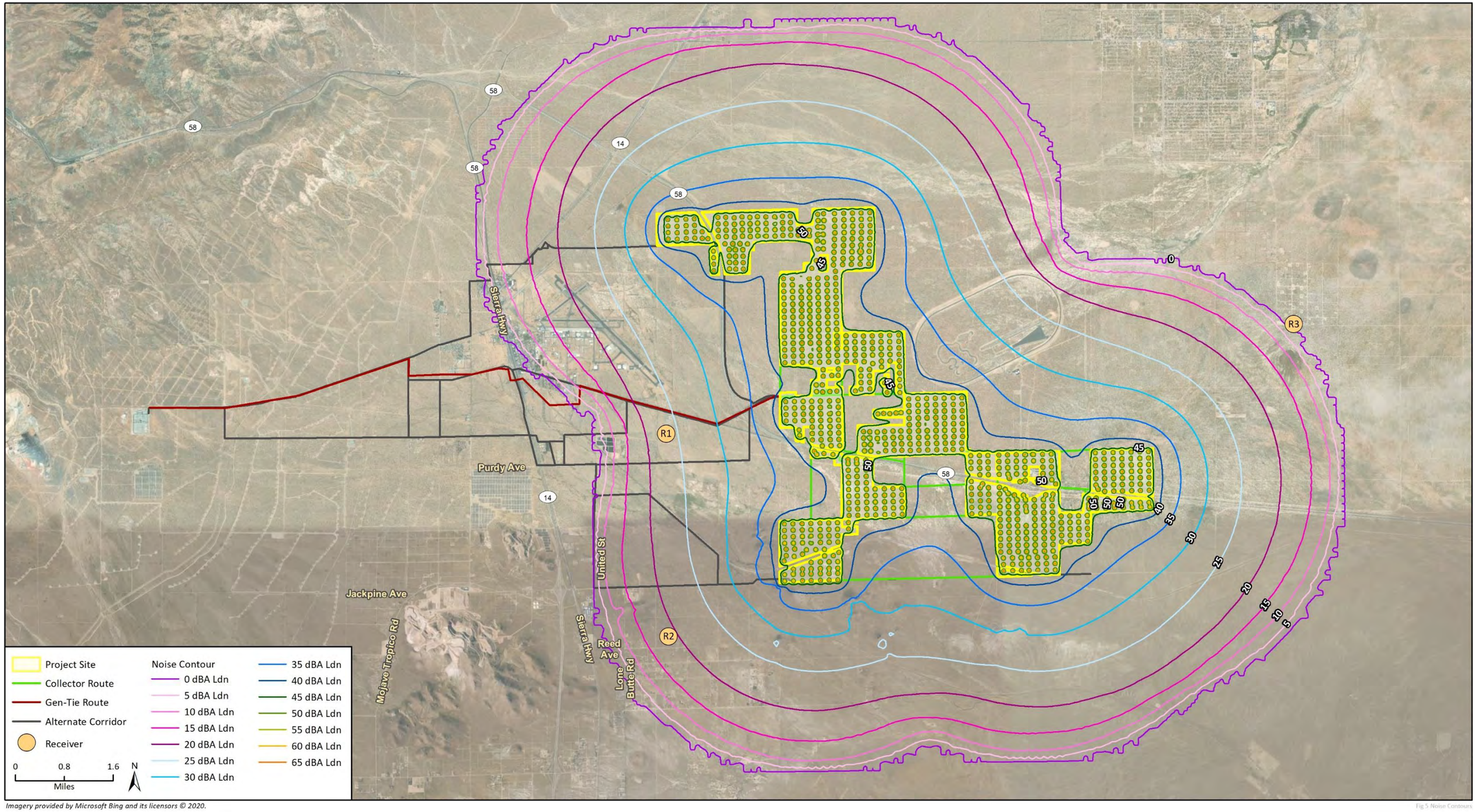
Smaller roads that may be used to access the Project parcels (e.g., Hyundai-Kia Boulevard) were not modeled for operational traffic because the roadways do not contain noise-sensitive receivers; SR 58 is the main roadway used in the operational traffic noise analysis.

As shown in Table 14, SR 58 would generate noise levels of 19 dBA L_{eq} to the nearest single-family residences in Mojave. Pursuant to the FTA criteria described in Table 6, a significant noise impact would occur if roadway noise would increase by 10 dBA. With the relatively minor increase in traffic volumes from Project operation (88 trips) on a roadway with 15,510 trips, Project operation would increase noise by approximately 1 dBA. This increase would be imperceptible to the nearest residents and would not exceed applicable FTA criteria. Therefore, the Project's noise increases from operational traffic would have a less than significant impact.

Table 14 Operational Traffic Noise

Roadway	Nearest Sensitive Receiver	Distance from Roadway Centerline to Nearest Sensitive Receiver (feet)	Existing Traffic Noise (dBA L_{eq})	With-Operational Traffic Noise (dBA L_{eq})	Change in Traffic Noise (dBA L_{eq})	FTA Allowable Noise Exposure Increase (dBA L_{eq})
SR 58, between Business 58 and California City Blvd	Single-family residences in Mojave	14,500	19	20	1	10

Figure 5 Receiver Locations and Operational Noise Contours



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Fig 5 Noise Contours

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Vibration

Construction at Project Parcels

Construction at the Project parcels may require post driving and vibratory rollers and has the potential to result in temporary vibration impacts on structures and humans. Based on the potential site locations, post driving activities could occur within 15,300 feet of the nearest off-site residential structure in California City. As impact pile drivers have higher vibration levels than vibratory pile drivers, the potential vibration impact calculations assume that impact pile drivers will be used. Other construction activities are less intensive than pile driving and would have lower peak particle velocity (PPV) than pile driving. Therefore, vibration levels from pile driving are considered worst case for the Project construction. Caltrans vibration guidance provides the following equation to calculate PPV at sensitive receptors:

PPV Impact Pile Driver= PPV_{Ref} $(25/D)^n$ x $(E_{equip}/E_{Ref})0.5$ (inch/second)

Where:

PPV_{Ref} = 0.65 in/sec for a reference pile driver at 25 feet

D = distance from pile driver to the receiver in feet

n = 1.1 is a value related to the vibration attenuation rate through ground

E_{equip} is rated energy of impact pile driver in ft-lbs

E_{Ref} is 36,000 ft-lb (rated energy of reference pile driver)

Using the referenced formula and an assumed 2,400 ft-lb rated energy for the post driver and converting the in./sec. PPV values to in./sec. RMS, the Project would generate vibration levels of up to 0.00004 in./sec. RMS at the nearest California City residential structure, well below the 0.05 in./sec. RMS threshold. In addition, heavy construction activity involving pneumatic tools and graders also would not occur during nighttime hours. Therefore, vibration impacts associated with construction of the proposed Project would be less than significant.

Gen-tie Construction

Gen-tie construction may require the use of an auger drill rig that has the potential to result in temporary vibration impacts on structures and humans. Based on the potential site locations, auger drilling activities could occur within 33,260 feet of the nearest off-site residential structure in 33,260 feet in California City. Other than use of an auger drill rig, other construction activities at the gen-tie corridors are less intensive than auger drill rig and would have lower PPV than the auger drill rig. Therefore, vibration levels from the auger drill rig are considered worst case for the gen-tie construction. Caltrans vibration guidance provides the following equation to calculate PPV at sensitive receptors:

PPV Equipment = PPV_{Ref} $(25/D)^n$ (in./sec.)

Where:

PPV_{Ref} = Equipment reference vibration level at 25 feet

D = distance from equipment to the receiver in feet

n = 1.1 is a value related to the vibration attenuation rate through ground

Caltrans vibration guidelines do not provide vibration levels specifically for an auger drill rig; however, the guidelines do provide vibration levels for caisson drilling of 0.089 in./sec. PPV, which is considered similar to operation of an auger drill rig, and the caisson drilling vibration levels were used

as a reference for this analysis. Using the referenced formula and converting the in./sec. PPV values to in./sec. RMS, the Project would generate vibration levels of up to 0.000008 in./sec. RMS at the nearest California City residential structure, well below the 0.05 in./sec. RMS threshold. In addition, heavy construction activity involving drilling would not occur during nighttime hours. Therefore, vibration impacts associated with construction of the proposed Project would be less than significant.

Operation

Once constructed, the proposed PV facility would not have any components that would generate vibration levels. Thus, operation of the proposed Project would not result in any vibration and impacts would be less than significant.

4 Recommendations

Construction of the Project would temporarily increase ambient noise levels at noise-sensitive receivers near the Project site. The following recommendations would reduce noise impacts from the Project's construction activities. Measure 1 is recommended because although not necessary to comply with Kern County's construction noise standards, it would reduce the physical environmental impact of exposing sensitive receivers to potentially disruptive noise levels during permitted construction hours. Measure 2 is necessary for nighttime construction activity to comply with Section 8.36.020 of the Kern County Code.

N-1 Construction Noise Reduction Measures

The applicant shall apply the following measures during active construction work of the Project occurring within 1,000 feet of an occupied, offsite noise-sensitive receptor.

Mufflers

Construction equipment shall be properly maintained and all internal combustion engine driven machinery with intake and exhaust mufflers and engine shrouds, as applicable, shall be in good condition and appropriate for the equipment. During construction, all equipment, fixed or mobile, shall be operated with closed engine doors and shall be equipped with properly operating and maintained mufflers, consistent with manufacturers' standards.

Equipment Staging

All stationary equipment shall be staged as far away from noise-sensitive receivers as feasible.

Equipment Idling

Construction vehicles and equipment shall not be left idling for longer than five minutes when not in use.

N-2 Construction Noise Outside of Permitted Hours Reduction Measures

The applicant shall apply one of the following measures during active construction work for the Project occurring outside of permitted hours per Section 8.36.020 of the Kern County Code:

1) **Development Services Agency Director Approval.** The applicant shall obtain approval from the development services agency director or designated representative for Project construction activities occurring between the hours of 9:00 PM and 6:00 AM on weekdays and 9:00 PM and 8:00 AM on weekends, within 1,000 feet of an occupied residential building, if audible to a person with average hearing ability at a distance of 150 feet from a construction site. As a condition of approval for exempting construction activity outside of permitted hours, the applicant shall implement a noise control plan including appropriate noise-reduction measures to the satisfaction of the development services agency director or designated representative, which may include the measures listed in Recommended Measure N-1. In addition, the noise control plan may include a requirement to restrict the duration of construction activities outside of permitted hours within 1,000 feet of an occupied residential building.

2) **Restrict Construction Activity within 1,000 feet of Noise-sensitive receivers.** Construction activities that are located within 1,000 feet of the nearest noise-sensitive receivers, and that would generate audible noise at a distance of 150 feet from the source between the hours of 9:00 PM and 6:00 AM on weekdays and the hours of 9:00 PM and 8:00 AM on weekends, shall be prohibited.

5 Conclusions

As discussed in Section 3, *Impact Analysis*, the Project would not generate construction traffic noise, construction vibration, on-site operational noise, or operational traffic noise exceeding applicable standards. However, construction activity would temporarily expose nearby residences to high daytime noise levels and could expose them to nighttime noise. Implementation of the recommended Measure N-1 would be necessary to reduce the exposure of residences located within 1,000 feet of construction activity to potentially disruptive noise levels during permitted construction hours, to the extent feasible. In addition, implementation of the recommended Measure N-2 would provide for Kern County approval of nighttime noise outside of permitted construction hours or restrict nighttime construction activity near residences. Therefore, impacts to nearby sensitive receivers would be less than significant with mitigation.

6 References

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Appendix A

On-Site Noise Measurement Data

LT1

Data Logger 2
SET 240
A
SLOW
Range 30-90
L05 75.4
L10 73.5
L50 62.9
L90 51.5
L95 48.6
Max dB 96.2
2019/09/18 16:15:22
SEL 119.3
Leq 70.0

No.s	Date Time	dB
1	2019/09/18 10:31:46	74.0
2	2019/09/18 10:35:46	57.2
3	2019/09/18 10:39:46	62.7
4	2019/09/18 10:43:46	63.4
5	2019/09/18 10:47:46	67.6
6	2019/09/18 10:51:46	71.1
7	2019/09/18 10:55:46	53.9
8	2019/09/18 10:59:46	63.9
9	2019/09/18 11:03:46	65.9
10	2019/09/18 11:07:46	56.8
11	2019/09/18 11:11:46	56.4
12	2019/09/18 11:15:46	62.7
13	2019/09/18 11:19:46	66.9
14	2019/09/18 11:23:46	63.5
15	2019/09/18 11:27:46	59.8
16	2019/09/18 11:31:46	73.3
17	2019/09/18 11:35:46	71.3
18	2019/09/18 11:39:46	73.6
19	2019/09/18 11:43:46	70.4
20	2019/09/18 11:47:46	76.4
21	2019/09/18 11:51:46	68.8
22	2019/09/18 11:55:46	76.7
23	2019/09/18 11:59:46	72.6
24	2019/09/18 12:03:46	73.2
25	2019/09/18 12:07:46	70.3
26	2019/09/18 12:11:46	59.9
27	2019/09/18 12:15:46	66.9
28	2019/09/18 12:19:46	67.3
29	2019/09/18 12:23:46	67.6
30	2019/09/18 12:27:46	71.7
31	2019/09/18 12:31:46	63.0
32	2019/09/18 12:35:46	66.7
33	2019/09/18 12:39:46	67.9
34	2019/09/18 12:43:46	53.8
35	2019/09/18 12:47:46	68.9
36	2019/09/18 12:51:46	62.6
37	2019/09/18 12:55:46	72.5
38	2019/09/18 12:59:46	59.4
39	2019/09/18 13:03:46	55.3

40	2019/09/18 13:07:46	59.5
41	2019/09/18 13:11:46	66.5
42	2019/09/18 13:15:46	71.5
43	2019/09/18 13:19:46	72.5
44	2019/09/18 13:23:46	63.5
45	2019/09/18 13:27:46	71.9
46	2019/09/18 13:31:46	57.9
47	2019/09/18 13:35:46	67.6
48	2019/09/18 13:39:46	62.4
49	2019/09/18 13:43:46	77.2
50	2019/09/18 13:47:46	56.7
51	2019/09/18 13:51:46	58.8
52	2019/09/18 13:55:46	70.7
53	2019/09/18 13:59:46	61.3
54	2019/09/18 14:03:46	75.3
55	2019/09/18 14:07:46	57.8
56	2019/09/18 14:11:46	72.8
57	2019/09/18 14:15:46	69.7
58	2019/09/18 14:19:46	64.8
59	2019/09/18 14:23:46	63.1
60	2019/09/18 14:27:46	70.6
61	2019/09/18 14:31:46	76.9
62	2019/09/18 14:35:46	75.1
63	2019/09/18 14:39:46	77.0
64	2019/09/18 14:43:46	71.1
65	2019/09/18 14:47:46	55.9
66	2019/09/18 14:51:46	65.1
67	2019/09/18 14:55:46	71.7
68	2019/09/18 14:59:46	54.9
69	2019/09/18 15:03:46	68.6
70	2019/09/18 15:07:46	74.1
71	2019/09/18 15:11:46	75.2
72	2019/09/18 15:15:46	52.7
73	2019/09/18 15:19:46	55.5
74	2019/09/18 15:23:46	65.3
75	2019/09/18 15:27:46	67.8
76	2019/09/18 15:31:46	70.5
77	2019/09/18 15:35:46	73.3
78	2019/09/18 15:39:46	64.6
79	2019/09/18 15:43:46	66.8
80	2019/09/18 15:47:46	66.6
81	2019/09/18 15:51:46	79.5
82	2019/09/18 15:55:46	64.5
83	2019/09/18 15:59:46	67.4
84	2019/09/18 16:03:46	67.9
85	2019/09/18 16:07:46	70.5
86	2019/09/18 16:11:46	74.4
87	2019/09/18 16:15:46	57.8
88	2019/09/18 16:19:46	73.6
89	2019/09/18 16:23:46	62.1
90	2019/09/18 16:27:46	73.0
91	2019/09/18 16:31:46	73.4
92	2019/09/18 16:35:46	68.8
93	2019/09/18 16:39:46	63.4

94	2019/09/18 16:43:46	70.4
95	2019/09/18 16:47:46	72.6
96	2019/09/18 16:51:46	69.4
97	2019/09/18 16:55:46	62.3
98	2019/09/18 16:59:46	71.8
99	2019/09/18 17:03:46	76.2
100	2019/09/18 17:07:46	62.9
101	2019/09/18 17:11:46	69.4
102	2019/09/18 17:15:46	68.7
103	2019/09/18 17:19:46	70.4
104	2019/09/18 17:23:46	70.2
105	2019/09/18 17:27:46	72.9
106	2019/09/18 17:31:46	54.3
107	2019/09/18 17:35:46	58.3
108	2019/09/18 17:39:46	67.3
109	2019/09/18 17:43:46	67.5
110	2019/09/18 17:47:46	55.5
111	2019/09/18 17:51:46	70.2
112	2019/09/18 17:55:46	56.7
113	2019/09/18 17:59:46	63.1
114	2019/09/18 18:03:46	69.1
115	2019/09/18 18:07:46	61.8
116	2019/09/18 18:11:46	66.8
117	2019/09/18 18:15:46	70.9
118	2019/09/18 18:19:46	60.0
119	2019/09/18 18:23:46	65.5
120	2019/09/18 18:27:46	56.8
121	2019/09/18 18:31:46	61.4
122	2019/09/18 18:35:46	66.9
123	2019/09/18 18:39:46	57.0
124	2019/09/18 18:43:46	71.8
125	2019/09/18 18:47:46	66.3
126	2019/09/18 18:51:46	62.5
127	2019/09/18 18:55:46	52.9
128	2019/09/18 18:59:46	57.3
129	2019/09/18 19:03:46	77.9
130	2019/09/18 19:07:46	63.5
131	2019/09/18 19:11:46	58.9
132	2019/09/18 19:15:46	65.8
133	2019/09/18 19:19:46	56.8
134	2019/09/18 19:23:46	72.1
135	2019/09/18 19:27:46	59.8
136	2019/09/18 19:31:46	62.8
137	2019/09/18 19:35:46	56.6
138	2019/09/18 19:39:46	56.0
139	2019/09/18 19:43:46	63.5
140	2019/09/18 19:47:46	54.5
141	2019/09/18 19:51:46	53.5
142	2019/09/18 19:55:46	54.9
143	2019/09/18 19:59:46	65.6
144	2019/09/18 20:03:46	55.1
145	2019/09/18 20:07:46	53.3
146	2019/09/18 20:11:46	50.3
147	2019/09/18 20:15:46	48.5

148	2019/09/18	20:19:46	52.8
149	2019/09/18	20:23:46	60.7
150	2019/09/18	20:27:46	61.0
151	2019/09/18	20:31:46	53.7
152	2019/09/18	20:35:46	67.9
153	2019/09/18	20:39:46	67.3
154	2019/09/18	20:43:46	56.0
155	2019/09/18	20:47:46	56.8
156	2019/09/18	20:51:46	52.7
157	2019/09/18	20:55:46	66.3
158	2019/09/18	20:59:46	69.0
159	2019/09/18	21:03:46	51.2
160	2019/09/18	21:07:46	59.6
161	2019/09/18	21:11:46	70.1
162	2019/09/18	21:15:46	75.4
163	2019/09/18	21:19:46	62.6
164	2019/09/18	21:23:46	56.1
165	2019/09/18	21:27:46	62.4
166	2019/09/18	21:31:46	74.4
167	2019/09/18	21:35:46	58.2
168	2019/09/18	21:39:46	56.2
169	2019/09/18	21:43:46	55.0
170	2019/09/18	21:47:46	65.2
171	2019/09/18	21:51:46	54.2
172	2019/09/18	21:55:46	53.8
173	2019/09/18	21:59:46	55.8
174	2019/09/18	22:03:46	53.8
175	2019/09/18	22:07:46	51.5
176	2019/09/18	22:11:46	58.0
177	2019/09/18	22:15:46	54.7
178	2019/09/18	22:19:46	55.9
179	2019/09/18	22:23:46	63.7
180	2019/09/18	22:27:46	55.9
181	2019/09/18	22:31:46	54.5
182	2019/09/18	22:35:46	55.5
183	2019/09/18	22:39:46	56.1
184	2019/09/18	22:43:46	54.5
185	2019/09/18	22:47:46	51.6
186	2019/09/18	22:51:46	57.3
187	2019/09/18	22:55:46	50.3
188	2019/09/18	22:59:46	56.4
189	2019/09/18	23:03:46	55.4
190	2019/09/18	23:07:46	53.3
191	2019/09/18	23:11:46	70.1
192	2019/09/18	23:15:46	51.4
193	2019/09/18	23:19:46	50.8
194	2019/09/18	23:23:46	53.3
195	2019/09/18	23:27:46	46.2
196	2019/09/18	23:31:46	52.8
197	2019/09/18	23:35:46	60.8
198	2019/09/18	23:39:46	50.4
199	2019/09/18	23:43:46	50.6
200	2019/09/18	23:47:46	50.0
201	2019/09/18	23:51:46	54.6

202	2019/09/18 23:55:46	63.5
203	2019/09/18 23:59:46	68.1
204	2019/09/19 00:03:46	58.4
205	2019/09/19 00:07:46	50.0
206	2019/09/19 00:11:46	59.4
207	2019/09/19 00:15:46	50.0
208	2019/09/19 00:19:46	58.1
209	2019/09/19 00:23:46	50.9
210	2019/09/19 00:27:46	59.8
211	2019/09/19 00:31:46	48.0
212	2019/09/19 00:35:46	46.7
213	2019/09/19 00:39:46	64.9
214	2019/09/19 00:43:46	54.8
215	2019/09/19 00:47:46	50.6
216	2019/09/19 00:51:46	59.9
217	2019/09/19 00:55:46	45.1
218	2019/09/19 00:59:46	48.1
219	2019/09/19 01:03:46	50.3
220	2019/09/19 01:07:46	48.0
221	2019/09/19 01:11:46	80.8
222	2019/09/19 01:15:46	52.2
223	2019/09/19 01:19:46	53.9
224	2019/09/19 01:23:46	53.4
225	2019/09/19 01:27:46	59.4
226	2019/09/19 01:31:46	61.3
227	2019/09/19 01:35:46	51.4
228	2019/09/19 01:39:46	48.0
229	2019/09/19 01:43:46	41.9
230	2019/09/19 01:47:46	47.7
231	2019/09/19 01:51:46	50.5
232	2019/09/19 01:55:46	70.2
233	2019/09/19 01:59:46	49.5
234	2019/09/19 02:03:46	42.8
235	2019/09/19 02:07:46	51.7
236	2019/09/19 02:11:46	42.6
237	2019/09/19 02:15:46	48.0
238	2019/09/19 02:19:46	41.9
239	2019/09/19 02:23:46	52.2
240	2019/09/19 02:27:46	45.3
241	2019/09/19 02:31:46	71.2
242	2019/09/19 02:35:46	64.4
243	2019/09/19 02:39:46	50.6
244	2019/09/19 02:43:46	75.6
245	2019/09/19 02:47:46	54.8
246	2019/09/19 02:51:46	56.1
247	2019/09/19 02:55:46	50.8
248	2019/09/19 02:59:46	52.2
249	2019/09/19 03:03:46	76.2
250	2019/09/19 03:07:46	52.4
251	2019/09/19 03:11:46	49.2
252	2019/09/19 03:15:46	48.2
253	2019/09/19 03:19:46	54.9
254	2019/09/19 03:23:46	64.1
255	2019/09/19 03:27:46	72.1

256	2019/09/19 03:31:46	50.7
257	2019/09/19 03:35:46	55.1
258	2019/09/19 03:39:46	74.2
259	2019/09/19 03:43:46	53.3
260	2019/09/19 03:47:46	58.6
261	2019/09/19 03:51:46	68.7
262	2019/09/19 03:55:46	59.7
263	2019/09/19 03:59:46	51.3
264	2019/09/19 04:03:46	59.4
265	2019/09/19 04:07:46	52.4
266	2019/09/19 04:11:46	51.5
267	2019/09/19 04:15:46	52.7
268	2019/09/19 04:19:46	58.4
269	2019/09/19 04:23:46	67.0
270	2019/09/19 04:27:46	50.9
271	2019/09/19 04:31:46	56.2
272	2019/09/19 04:35:46	51.2
273	2019/09/19 04:39:46	65.2
274	2019/09/19 04:43:46	73.6
275	2019/09/19 04:47:46	65.0
276	2019/09/19 04:51:46	73.5
277	2019/09/19 04:55:46	64.6
278	2019/09/19 04:59:46	64.1
279	2019/09/19 05:03:46	55.2
280	2019/09/19 05:07:46	71.0
281	2019/09/19 05:11:46	74.5
282	2019/09/19 05:15:46	75.1
283	2019/09/19 05:19:46	53.8
284	2019/09/19 05:23:46	59.4
285	2019/09/19 05:27:46	61.1
286	2019/09/19 05:31:46	74.6
287	2019/09/19 05:35:46	70.3
288	2019/09/19 05:39:46	71.0
289	2019/09/19 05:43:46	74.8
290	2019/09/19 05:47:46	68.7
291	2019/09/19 05:51:46	75.2
292	2019/09/19 05:55:46	67.8
293	2019/09/19 05:59:46	76.1
294	2019/09/19 06:03:46	73.4
295	2019/09/19 06:07:46	57.1
296	2019/09/19 06:11:46	64.1
297	2019/09/19 06:15:46	65.8
298	2019/09/19 06:19:46	57.2
299	2019/09/19 06:23:46	70.6
300	2019/09/19 06:27:46	51.1
301	2019/09/19 06:31:46	58.8
302	2019/09/19 06:35:46	61.7
303	2019/09/19 06:39:46	66.5
304	2019/09/19 06:43:46	67.0
305	2019/09/19 06:47:46	59.3
306	2019/09/19 06:51:46	64.5
307	2019/09/19 06:55:46	76.6
308	2019/09/19 06:59:46	74.2
309	2019/09/19 07:03:46	57.5

310	2019/09/19	07:07:46	72.1
311	2019/09/19	07:11:46	71.7
312	2019/09/19	07:15:46	70.4
313	2019/09/19	07:19:46	70.9
314	2019/09/19	07:23:46	68.2
315	2019/09/19	07:27:46	70.9
316	2019/09/19	07:31:46	64.5
317	2019/09/19	07:35:46	70.4
318	2019/09/19	07:39:46	58.1
319	2019/09/19	07:43:46	56.9
320	2019/09/19	07:47:46	66.5
321	2019/09/19	07:51:46	75.3
322	2019/09/19	07:55:46	70.7
323	2019/09/19	07:59:46	68.9
324	2019/09/19	08:03:46	62.4
325	2019/09/19	08:07:46	61.0
326	2019/09/19	08:11:46	57.5
327	2019/09/19	08:15:46	58.4
328	2019/09/19	08:19:46	62.7
329	2019/09/19	08:23:46	75.0
330	2019/09/19	08:27:46	64.6
331	2019/09/19	08:31:46	69.7
332	2019/09/19	08:35:46	68.1
333	2019/09/19	08:39:46	70.4
334	2019/09/19	08:43:46	79.1
335	2019/09/19	08:47:46	61.9
336	2019/09/19	08:51:46	58.2
337	2019/09/19	08:55:46	54.4
338	2019/09/19	08:59:46	64.4
339	2019/09/19	09:03:46	81.0
340	2019/09/19	09:07:46	65.7
341	2019/09/19	09:11:46	65.5
342	2019/09/19	09:15:46	71.4
343	2019/09/19	09:19:46	72.1
344	2019/09/19	09:23:46	55.0
345	2019/09/19	09:27:46	63.0
346	2019/09/19	09:31:46	71.4
347	2019/09/19	09:35:46	52.2
348	2019/09/19	09:39:46	58.8
349	2019/09/19	09:43:46	68.2
350	2019/09/19	09:47:46	71.1
351	2019/09/19	09:51:46	69.6
352	2019/09/19	09:55:46	63.0
353	2019/09/19	09:59:46	69.2
354	2019/09/19	10:03:46	68.6
355	2019/09/19	10:07:46	65.6
356	2019/09/19	10:11:46	63.7
357	2019/09/19	10:15:46	56.8
358	2019/09/19	10:19:46	65.9
359	2019/09/19	10:23:46	53.4
360	2019/09/19	10:27:46	61.1

ST1

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 82.4 - 2019/09/18 10:39:20
- Level Range : 30-90
- SEL : 99.5
- Leq : 70.0
-

No.s	Date Time	(dB)
1	2019/09/18 10:33:01	66.1
2	2019/09/18 10:33:04	71.5
3	2019/09/18 10:33:07	65.7
4	2019/09/18 10:33:10	57.6
5	2019/09/18 10:33:13	59.1
6	2019/09/18 10:33:16	66.1
7	2019/09/18 10:33:19	63.2
8	2019/09/18 10:33:22	66.2
9	2019/09/18 10:33:25	74.0
10	2019/09/18 10:33:28	68.8
11	2019/09/18 10:33:31	59.3
12	2019/09/18 10:33:34	55.5
13	2019/09/18 10:33:37	53.2
14	2019/09/18 10:33:40	52.0
15	2019/09/18 10:33:43	70.5
16	2019/09/18 10:33:46	64.1
17	2019/09/18 10:33:49	55.6
18	2019/09/18 10:33:52	51.9
19	2019/09/18 10:33:55	49.6
20	2019/09/18 10:33:58	48.1
21	2019/09/18 10:34:01	53.3
22	2019/09/18 10:34:04	72.4
23	2019/09/18 10:34:07	64.6
24	2019/09/18 10:34:10	57.1
25	2019/09/18 10:34:13	55.3
26	2019/09/18 10:34:16	54.9
27	2019/09/18 10:34:19	59.4
28	2019/09/18 10:34:22	67.4
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- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 64.1 - 2019/09/18 15:15:33
- Level Range : 30-90
- SEL : 80.5
- Leq : 51.0
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11	2019/09/18 15:13:10	49.1
12	2019/09/18 15:13:13	45.6
13	2019/09/18 15:13:16	47.9
14	2019/09/18 15:13:19	44.3
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161	2019/09/18	15:20:40	48.9
162	2019/09/18	15:20:43	44.3
163	2019/09/18	15:20:46	48.3
164	2019/09/18	15:20:49	51.3
165	2019/09/18	15:20:52	53.4
166	2019/09/18	15:20:55	60.5
167	2019/09/18	15:20:58	51.9
168	2019/09/18	15:21:01	50.5
169	2019/09/18	15:21:04	49.1
170	2019/09/18	15:21:07	51.4
171	2019/09/18	15:21:10	50.4
172	2019/09/18	15:21:13	51.5
173	2019/09/18	15:21:16	52.0
174	2019/09/18	15:21:19	51.4
175	2019/09/18	15:21:22	46.6
176	2019/09/18	15:21:25	47.9
177	2019/09/18	15:21:28	47.4
178	2019/09/18	15:21:31	53.4
179	2019/09/18	15:21:34	48.8
180	2019/09/18	15:21:37	50.9
181	2019/09/18	15:21:40	47.7
182	2019/09/18	15:21:43	54.6
183	2019/09/18	15:21:46	60.1
184	2019/09/18	15:21:49	49.5

185	2019/09/18 15:21:52	42.5
186	2019/09/18 15:21:55	46.0
187	2019/09/18 15:21:58	41.8
188	2019/09/18 15:22:01	42.7
189	2019/09/18 15:22:04	46.0
190	2019/09/18 15:22:07	45.9
191	2019/09/18 15:22:10	45.4
192	2019/09/18 15:22:13	46.3
193	2019/09/18 15:22:16	45.2
194	2019/09/18 15:22:19	44.7
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200	2019/09/18 15:22:37	48.8
201	2019/09/18 15:22:40	47.1
202	2019/09/18 15:22:43	44.1
203	2019/09/18 15:22:46	45.4
204	2019/09/18 15:22:49	43.4
205	2019/09/18 15:22:52	48.8
206	2019/09/18 15:22:55	49.5
207	2019/09/18 15:22:58	51.9
208	2019/09/18 15:23:01	53.1
209	2019/09/18 15:23:04	49.5
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212	2019/09/18 15:23:13	57.1
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217	2019/09/18 15:23:28	53.1
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244	2019/09/18 15:24:49	48.4
245	2019/09/18 15:24:52	51.8
246	2019/09/18 15:24:55	58.5
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286	2019/09/18	15:26:55	46.5
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288	2019/09/18	15:27:01	48.3
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298	2019/09/18	15:27:31	46.5
299	2019/09/18	15:27:34	52.6
300	2019/09/18	15:27:37	47.6

ST3

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 85.0 - 2019/09/18 14:47:43
- Level Range : 30-90
- SEL : 99.5
- Leq : 70.0
-

No.s	Date Time	(dB)
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2	2019/09/18 14:44:03	49.5
3	2019/09/18 14:44:06	49.3
4	2019/09/18 14:44:09	50.5
5	2019/09/18 14:44:12	49.9
6	2019/09/18 14:44:15	47.9
7	2019/09/18 14:44:18	52.9
8	2019/09/18 14:44:21	53.6
9	2019/09/18 14:44:24	59.7
10	2019/09/18 14:44:27	59.8
11	2019/09/18 14:44:30	73.6
12	2019/09/18 14:44:33	72.8
13	2019/09/18 14:44:36	64.9
14	2019/09/18 14:44:39	54.6
15	2019/09/18 14:44:42	63.6
16	2019/09/18 14:44:45	75.3
17	2019/09/18 14:44:48	69.2
18	2019/09/18 14:44:51	68.2
19	2019/09/18 14:44:54	62.5
20	2019/09/18 14:44:57	75.7
21	2019/09/18 14:45:00	78.1
22	2019/09/18 14:45:03	75.0
23	2019/09/18 14:45:06	67.0
24	2019/09/18 14:45:09	60.1
25	2019/09/18 14:45:12	57.4
26	2019/09/18 14:45:15	66.9
27	2019/09/18 14:45:18	71.8
28	2019/09/18 14:45:21	59.9
29	2019/09/18 14:45:24	53.1
30	2019/09/18 14:45:27	49.5
31	2019/09/18 14:45:30	50.0
32	2019/09/18 14:45:33	54.6
33	2019/09/18 14:45:36	52.1
34	2019/09/18 14:45:39	47.3
35	2019/09/18 14:45:42	45.8
36	2019/09/18 14:45:45	50.7
37	2019/09/18 14:45:48	58.4
38	2019/09/18 14:45:51	69.4
39	2019/09/18 14:45:54	59.6
40	2019/09/18 14:45:57	72.8
41	2019/09/18 14:46:00	62.6
42	2019/09/18 14:46:03	51.3
43	2019/09/18 14:46:06	48.8
44	2019/09/18 14:46:09	44.3
45	2019/09/18 14:46:12	40.6
46	2019/09/18 14:46:15	40.2
47	2019/09/18 14:46:18	40.3
48	2019/09/18 14:46:21	41.4
49	2019/09/18 14:46:24	46.6
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51	2019/09/18 14:46:30	47.2
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53	2019/09/18 14:46:36	43.1
54	2019/09/18 14:46:39	45.9
55	2019/09/18 14:46:42	45.7
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76	2019/09/18 14:47:45	73.0
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82	2019/09/18 14:48:03	81.9
83	2019/09/18 14:48:06	77.4
84	2019/09/18 14:48:09	72.7
85	2019/09/18 14:48:12	79.7

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88	2019/09/18	14:48:21	62.1
89	2019/09/18	14:48:24	71.1
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92	2019/09/18	14:48:33	48.3
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96	2019/09/18	14:48:45	71.6
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105	2019/09/18	14:49:12	70.1
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292	2019/09/18	14:58:33	44.5
293	2019/09/18	14:58:36	41.3
294	2019/09/18	14:58:39	41.0
295	2019/09/18	14:58:42	40.6
296	2019/09/18	14:58:45	42.0
297	2019/09/18	14:58:48	48.6
298	2019/09/18	14:58:51	80.4
299	2019/09/18	14:58:54	70.6
300	2019/09/18	14:58:57	64.2

ST4

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 79.2 - 2019/09/18 14:30:25
- Level Range : 30-90
- SEL : 85.6
- Leq : 56.1
-

No.s	Date Time	(dB)
1	2019/09/18 14:19:00	47.9
2	2019/09/18 14:19:03	41.5
3	2019/09/18 14:19:06	36.7
4	2019/09/18 14:19:09	36.3
5	2019/09/18 14:19:12	38.6
6	2019/09/18 14:19:15	37.7
7	2019/09/18 14:19:18	38.0
8	2019/09/18 14:19:21	36.6
9	2019/09/18 14:19:24	43.6
10	2019/09/18 14:19:27	48.6
11	2019/09/18 14:19:30	59.4
12	2019/09/18 14:19:33	52.2
13	2019/09/18 14:19:36	64.1
14	2019/09/18 14:19:39	59.8
15	2019/09/18 14:19:42	55.7
16	2019/09/18 14:19:45	58.2
17	2019/09/18 14:19:48	53.3
18	2019/09/18 14:19:51	48.5
19	2019/09/18 14:19:54	44.1
20	2019/09/18 14:19:57	44.5
21	2019/09/18 14:20:00	48.6
22	2019/09/18 14:20:03	54.4
23	2019/09/18 14:20:06	53.5
24	2019/09/18 14:20:09	59.8
25	2019/09/18 14:20:12	58.4
26	2019/09/18 14:20:15	50.3
27	2019/09/18 14:20:18	46.2
28	2019/09/18 14:20:21	46.2
29	2019/09/18 14:20:24	44.4
30	2019/09/18 14:20:27	42.2
31	2019/09/18 14:20:30	41.1
32	2019/09/18 14:20:33	41.4
33	2019/09/18 14:20:36	40.6
34	2019/09/18 14:20:39	38.5
35	2019/09/18 14:20:42	39.0
36	2019/09/18 14:20:45	40.0
37	2019/09/18 14:20:48	38.3
38	2019/09/18 14:20:51	46.5
39	2019/09/18 14:20:54	47.3
40	2019/09/18 14:20:57	44.4
41	2019/09/18 14:21:00	51.3
42	2019/09/18 14:21:03	58.0
43	2019/09/18 14:21:06	59.3
44	2019/09/18 14:21:09	54.6
45	2019/09/18 14:21:12	48.5
46	2019/09/18 14:21:15	46.2
47	2019/09/18 14:21:18	48.1
48	2019/09/18 14:21:21	45.2
49	2019/09/18 14:21:24	50.9
50	2019/09/18 14:21:27	48.6
51	2019/09/18 14:21:30	51.0
52	2019/09/18 14:21:33	53.1
53	2019/09/18 14:21:36	52.5
54	2019/09/18 14:21:39	50.2
55	2019/09/18 14:21:42	52.1
56	2019/09/18 14:21:45	51.0
57	2019/09/18 14:21:48	58.3
58	2019/09/18 14:21:51	50.6
59	2019/09/18 14:21:54	44.2
60	2019/09/18 14:21:57	41.5
61	2019/09/18 14:22:00	44.9
62	2019/09/18 14:22:03	44.1
63	2019/09/18 14:22:06	43.2
64	2019/09/18 14:22:09	43.6
65	2019/09/18 14:22:12	43.5
66	2019/09/18 14:22:15	44.9
67	2019/09/18 14:22:18	42.9
68	2019/09/18 14:22:21	43.3
69	2019/09/18 14:22:24	47.9
70	2019/09/18 14:22:27	60.8
71	2019/09/18 14:22:30	50.2
72	2019/09/18 14:22:33	44.0
73	2019/09/18 14:22:36	50.2
74	2019/09/18 14:22:39	41.5
75	2019/09/18 14:22:42	42.8
76	2019/09/18 14:22:45	44.4
77	2019/09/18 14:22:48	41.0
78	2019/09/18 14:22:51	42.0
79	2019/09/18 14:22:54	46.1
80	2019/09/18 14:22:57	60.0
81	2019/09/18 14:23:00	62.9
82	2019/09/18 14:23:03	54.1
83	2019/09/18 14:23:06	47.7
84	2019/09/18 14:23:09	41.9
85	2019/09/18 14:23:12	40.1

86	2019/09/18	14:23:15	39.8
87	2019/09/18	14:23:18	44.1
88	2019/09/18	14:23:21	40.0
89	2019/09/18	14:23:24	40.4
90	2019/09/18	14:23:27	37.2
91	2019/09/18	14:23:30	39.9
92	2019/09/18	14:23:33	40.6
93	2019/09/18	14:23:36	38.3
94	2019/09/18	14:23:39	42.6
95	2019/09/18	14:23:42	45.4
96	2019/09/18	14:23:45	41.9
97	2019/09/18	14:23:48	48.1
98	2019/09/18	14:23:51	43.1
99	2019/09/18	14:23:54	45.3
100	2019/09/18	14:23:57	52.0
101	2019/09/18	14:24:00	70.3
102	2019/09/18	14:24:03	63.6
103	2019/09/18	14:24:06	53.2
104	2019/09/18	14:24:09	44.0
105	2019/09/18	14:24:12	39.4
106	2019/09/18	14:24:15	37.4
107	2019/09/18	14:24:18	38.3
108	2019/09/18	14:24:21	42.5
109	2019/09/18	14:24:24	38.1
110	2019/09/18	14:24:27	39.9
111	2019/09/18	14:24:30	43.5
112	2019/09/18	14:24:33	38.7
113	2019/09/18	14:24:36	38.7
114	2019/09/18	14:24:39	47.1
115	2019/09/18	14:24:42	49.5
116	2019/09/18	14:24:45	45.4
117	2019/09/18	14:24:48	43.0
118	2019/09/18	14:24:51	40.9
119	2019/09/18	14:24:54	42.4
120	2019/09/18	14:24:57	47.7
121	2019/09/18	14:25:00	50.6
122	2019/09/18	14:25:03	44.2
123	2019/09/18	14:25:06	41.1
124	2019/09/18	14:25:09	45.8
125	2019/09/18	14:25:12	49.0
126	2019/09/18	14:25:15	45.9
127	2019/09/18	14:25:18	51.2
128	2019/09/18	14:25:21	48.6
129	2019/09/18	14:25:24	45.6
130	2019/09/18	14:25:27	40.9
131	2019/09/18	14:25:30	42.6
132	2019/09/18	14:25:33	47.6
133	2019/09/18	14:25:36	43.3
134	2019/09/18	14:25:39	40.6
135	2019/09/18	14:25:42	39.6
136	2019/09/18	14:25:45	38.2
137	2019/09/18	14:25:48	41.2
138	2019/09/18	14:25:51	42.6
139	2019/09/18	14:25:54	43.4
140	2019/09/18	14:25:57	44.8
141	2019/09/18	14:26:00	43.2
142	2019/09/18	14:26:03	41.4
143	2019/09/18	14:26:06	40.6
144	2019/09/18	14:26:09	37.4
145	2019/09/18	14:26:12	47.3
146	2019/09/18	14:26:15	42.0
147	2019/09/18	14:26:18	37.4
148	2019/09/18	14:26:21	38.3
149	2019/09/18	14:26:24	37.3
150	2019/09/18	14:26:27	37.7
151	2019/09/18	14:26:30	38.0
152	2019/09/18	14:26:33	38.0
153	2019/09/18	14:26:36	38.5
154	2019/09/18	14:26:39	38.3
155	2019/09/18	14:26:42	38.8
156	2019/09/18	14:26:45	38.4
157	2019/09/18	14:26:48	37.1
158	2019/09/18	14:26:51	37.2
159	2019/09/18	14:26:54	37.6
160	2019/09/18	14:26:57	36.3
161	2019/09/18	14:27:00	36.9
162	2019/09/18	14:27:03	39.0
163	2019/09/18	14:27:06	39.8
164	2019/09/18	14:27:09	45.1
165	2019/09/18	14:27:12	39.2
166	2019/09/18	14:27:15	41.1
167	2019/09/18	14:27:18	47.1
168	2019/09/18	14:27:21	42.0
169	2019/09/18	14:27:24	40.2
170	2019/09/18	14:27:27	43.0
171	2019/09/18	14:27:30	42.6
172	2019/09/18	14:27:33	42.4
173	2019/09/18	14:27:36	40.0
174	2019/09/18	14:27:39	39.4
175	2019/09/18	14:27:42	37.2
176	2019/09/18	14:27:45	36.2
177	2019/09/18	14:27:48	35.8
178	2019/09/18	14:27:51	35.9
179	2019/09/18	14:27:54	36.2
180	2019/09/18	14:27:57	36.6
181	2019/09/18	14:28:00	36.7
182	2019/09/18	14:28:03	36.2
183	2019/09/18	14:28:06	36.0
184	2019/09/18	14:28:09	36.4

185	2019/09/18	14:28:12	37.0
186	2019/09/18	14:28:15	38.7
187	2019/09/18	14:28:18	48.2
188	2019/09/18	14:28:21	55.3
189	2019/09/18	14:28:24	56.8
190	2019/09/18	14:28:27	57.9
191	2019/09/18	14:28:30	53.2
192	2019/09/18	14:28:33	51.5
193	2019/09/18	14:28:36	46.8
194	2019/09/18	14:28:39	42.1
195	2019/09/18	14:28:42	44.1
196	2019/09/18	14:28:45	62.5
197	2019/09/18	14:28:48	56.7
198	2019/09/18	14:28:51	48.1
199	2019/09/18	14:28:54	42.4
200	2019/09/18	14:28:57	39.2
201	2019/09/18	14:29:00	37.2
202	2019/09/18	14:29:03	36.3
203	2019/09/18	14:29:06	35.9
204	2019/09/18	14:29:09	37.7
205	2019/09/18	14:29:12	38.7
206	2019/09/18	14:29:15	39.5
207	2019/09/18	14:29:18	38.7
208	2019/09/18	14:29:21	37.6
209	2019/09/18	14:29:24	42.2
210	2019/09/18	14:29:27	43.6
211	2019/09/18	14:29:30	46.6
212	2019/09/18	14:29:33	52.6
213	2019/09/18	14:29:36	47.9
214	2019/09/18	14:29:39	42.2
215	2019/09/18	14:29:42	48.9
216	2019/09/18	14:29:45	51.0
217	2019/09/18	14:29:48	65.2
218	2019/09/18	14:29:51	55.5
219	2019/09/18	14:29:54	49.3
220	2019/09/18	14:29:57	50.7
221	2019/09/18	14:30:00	47.2
222	2019/09/18	14:30:03	47.2
223	2019/09/18	14:30:06	49.0
224	2019/09/18	14:30:09	45.2
225	2019/09/18	14:30:12	51.3
226	2019/09/18	14:30:15	47.6
227	2019/09/18	14:30:18	49.2
228	2019/09/18	14:30:21	64.0
229	2019/09/18	14:30:24	75.8
230	2019/09/18	14:30:27	65.0
231	2019/09/18	14:30:30	53.0
232	2019/09/18	14:30:33	44.8
233	2019/09/18	14:30:36	42.0
234	2019/09/18	14:30:39	41.0
235	2019/09/18	14:30:42	39.7
236	2019/09/18	14:30:45	39.5
237	2019/09/18	14:30:48	43.8
238	2019/09/18	14:30:51	45.8
239	2019/09/18	14:30:54	45.2
240	2019/09/18	14:30:57	48.4
241	2019/09/18	14:31:00	50.7
242	2019/09/18	14:31:03	65.5
243	2019/09/18	14:31:06	60.0
244	2019/09/18	14:31:09	50.7
245	2019/09/18	14:31:12	50.3
246	2019/09/18	14:31:15	53.6
247	2019/09/18	14:31:18	52.9
248	2019/09/18	14:31:21	50.6
249	2019/09/18	14:31:24	47.5
250	2019/09/18	14:31:27	41.4
251	2019/09/18	14:31:30	40.6
252	2019/09/18	14:31:33	40.0
253	2019/09/18	14:31:36	43.3
254	2019/09/18	14:31:39	43.9
255	2019/09/18	14:31:42	41.4
256	2019/09/18	14:31:45	41.2
257	2019/09/18	14:31:48	42.2
258	2019/09/18	14:31:51	43.7
259	2019/09/18	14:31:54	45.6
260	2019/09/18	14:31:57	65.3
261	2019/09/18	14:32:00	62.9
262	2019/09/18	14:32:03	55.3
263	2019/09/18	14:32:06	47.8
264	2019/09/18	14:32:09	44.1
265	2019/09/18	14:32:12	47.4
266	2019/09/18	14:32:15	49.6
267	2019/09/18	14:32:18	47.7
268	2019/09/18	14:32:21	67.4
269	2019/09/18	14:32:24	59.9
270	2019/09/18	14:32:27	54.6
271	2019/09/18	14:32:30	50.3
272	2019/09/18	14:32:33	43.8
273	2019/09/18	14:32:36	47.4
274	2019/09/18	14:32:39	43.8
275	2019/09/18	14:32:42	40.8
276	2019/09/18	14:32:45	39.9
277	2019/09/18	14:32:48	38.8
278	2019/09/18	14:32:51	39.5
279	2019/09/18	14:32:54	38.8
280	2019/09/18	14:32:57	38.4
281	2019/09/18	14:33:00	39.0
282	2019/09/18	14:33:03	50.6
283	2019/09/18	14:33:06	44.3

284	2019/09/18	14:33:09	50.7
285	2019/09/18	14:33:12	44.2
286	2019/09/18	14:33:15	45.2
287	2019/09/18	14:33:18	51.8
288	2019/09/18	14:33:21	49.2
289	2019/09/18	14:33:24	52.8
290	2019/09/18	14:33:27	49.6
291	2019/09/18	14:33:30	47.4
292	2019/09/18	14:33:33	57.4
293	2019/09/18	14:33:36	56.5
294	2019/09/18	14:33:39	47.5
295	2019/09/18	14:33:42	45.9
296	2019/09/18	14:33:45	48.0
297	2019/09/18	14:33:48	48.5
298	2019/09/18	14:33:51	48.6
299	2019/09/18	14:33:54	48.4
300	2019/09/18	14:33:57	51.0

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 59.6 - 2019/09/18 16:01:48
- Level Range : 30-90
- SEL : 78.1
- Leq : 48.6
-

ST5

No.s	Date Time	(dB)
1	2019/09/18 15:58:00	46.5
2	2019/09/18 15:58:03	46.7
3	2019/09/18 15:58:06	44.1
4	2019/09/18 15:58:09	42.7
5	2019/09/18 15:58:12	44.4
6	2019/09/18 15:58:15	47.9
7	2019/09/18 15:58:18	48.4
8	2019/09/18 15:58:21	44.6
9	2019/09/18 15:58:24	47.9
10	2019/09/18 15:58:27	47.3
11	2019/09/18 15:58:30	45.0
12	2019/09/18 15:58:33	42.7
13	2019/09/18 15:58:36	45.9
14	2019/09/18 15:58:39	42.4
15	2019/09/18 15:58:42	41.4
16	2019/09/18 15:58:45	41.3
17	2019/09/18 15:58:48	43.5
18	2019/09/18 15:58:51	43.6
19	2019/09/18 15:58:54	45.1
20	2019/09/18 15:58:57	41.6
21	2019/09/18 15:59:00	39.8
22	2019/09/18 15:59:03	46.2
23	2019/09/18 15:59:06	44.0
24	2019/09/18 15:59:09	45.6
25	2019/09/18 15:59:12	42.1
26	2019/09/18 15:59:15	44.0
27	2019/09/18 15:59:18	45.3
28	2019/09/18 15:59:21	44.0
29	2019/09/18 15:59:24	44.0
30	2019/09/18 15:59:27	41.8
31	2019/09/18 15:59:30	41.5
32	2019/09/18 15:59:33	43.9
33	2019/09/18 15:59:36	42.1
34	2019/09/18 15:59:39	42.1
35	2019/09/18 15:59:42	41.3
36	2019/09/18 15:59:45	41.6
37	2019/09/18 15:59:48	42.0
38	2019/09/18 15:59:51	42.9
39	2019/09/18 15:59:54	43.7
40	2019/09/18 15:59:57	42.9
41	2019/09/18 16:00:00	47.4
42	2019/09/18 16:00:03	46.2
43	2019/09/18 16:00:06	48.5
44	2019/09/18 16:00:09	47.8
45	2019/09/18 16:00:12	50.2
46	2019/09/18 16:00:15	49.9
47	2019/09/18 16:00:18	48.3
48	2019/09/18 16:00:21	47.4
49	2019/09/18 16:00:24	48.4
50	2019/09/18 16:00:27	47.0
51	2019/09/18 16:00:30	52.2
52	2019/09/18 16:00:33	47.5
53	2019/09/18 16:00:36	44.5
54	2019/09/18 16:00:39	45.9
55	2019/09/18 16:00:42	44.0
56	2019/09/18 16:00:45	42.9
57	2019/09/18 16:00:48	43.6
58	2019/09/18 16:00:51	48.6
59	2019/09/18 16:00:54	42.5
60	2019/09/18 16:00:57	41.3
61	2019/09/18 16:01:00	40.7
62	2019/09/18 16:01:03	43.6
63	2019/09/18 16:01:06	47.1
64	2019/09/18 16:01:09	46.6
65	2019/09/18 16:01:12	52.3
66	2019/09/18 16:01:15	46.1
67	2019/09/18 16:01:18	50.0
68	2019/09/18 16:01:21	53.0
69	2019/09/18 16:01:24	50.1
70	2019/09/18 16:01:27	51.1
71	2019/09/18 16:01:30	51.9
72	2019/09/18 16:01:33	47.3
73	2019/09/18 16:01:36	45.3
74	2019/09/18 16:01:39	45.2
75	2019/09/18 16:01:42	43.4
76	2019/09/18 16:01:45	59.2
77	2019/09/18 16:01:48	54.2
78	2019/09/18 16:01:51	46.9
79	2019/09/18 16:01:54	53.6
80	2019/09/18 16:01:57	49.4
81	2019/09/18 16:02:00	53.2
82	2019/09/18 16:02:03	48.5
83	2019/09/18 16:02:06	55.0
84	2019/09/18 16:02:09	53.4
85	2019/09/18 16:02:12	47.6

86	2019/09/18	16:02:15	47.7
87	2019/09/18	16:02:18	46.6
88	2019/09/18	16:02:21	47.8
89	2019/09/18	16:02:24	49.6
90	2019/09/18	16:02:27	49.4
91	2019/09/18	16:02:30	53.1
92	2019/09/18	16:02:33	49.9
93	2019/09/18	16:02:36	46.6
94	2019/09/18	16:02:39	48.1
95	2019/09/18	16:02:42	51.1
96	2019/09/18	16:02:45	49.2
97	2019/09/18	16:02:48	45.2
98	2019/09/18	16:02:51	51.6
99	2019/09/18	16:02:54	45.3
100	2019/09/18	16:02:57	50.6
101	2019/09/18	16:03:00	50.5
102	2019/09/18	16:03:03	55.6
103	2019/09/18	16:03:06	51.0
104	2019/09/18	16:03:09	47.4
105	2019/09/18	16:03:12	53.9
106	2019/09/18	16:03:15	50.8
107	2019/09/18	16:03:18	46.4
108	2019/09/18	16:03:21	47.4
109	2019/09/18	16:03:24	54.0
110	2019/09/18	16:03:27	46.8
111	2019/09/18	16:03:30	43.9
112	2019/09/18	16:03:33	52.4
113	2019/09/18	16:03:36	48.4
114	2019/09/18	16:03:39	48.5
115	2019/09/18	16:03:42	47.5
116	2019/09/18	16:03:45	55.1
117	2019/09/18	16:03:48	51.0
118	2019/09/18	16:03:51	50.1
119	2019/09/18	16:03:54	47.9
120	2019/09/18	16:03:57	50.3
121	2019/09/18	16:04:00	47.2
122	2019/09/18	16:04:03	47.3
123	2019/09/18	16:04:06	46.8
124	2019/09/18	16:04:09	45.3
125	2019/09/18	16:04:12	51.6
126	2019/09/18	16:04:15	56.9
127	2019/09/18	16:04:18	54.6
128	2019/09/18	16:04:21	52.4
129	2019/09/18	16:04:24	52.9
130	2019/09/18	16:04:27	52.1
131	2019/09/18	16:04:30	47.7
132	2019/09/18	16:04:33	51.1
133	2019/09/18	16:04:36	57.0
134	2019/09/18	16:04:39	52.1
135	2019/09/18	16:04:42	51.3
136	2019/09/18	16:04:45	49.3
137	2019/09/18	16:04:48	46.7
138	2019/09/18	16:04:51	50.5
139	2019/09/18	16:04:54	44.6
140	2019/09/18	16:04:57	43.2
141	2019/09/18	16:05:00	43.7
142	2019/09/18	16:05:03	48.8
143	2019/09/18	16:05:06	49.6
144	2019/09/18	16:05:09	47.9
145	2019/09/18	16:05:12	46.6
146	2019/09/18	16:05:15	43.8
147	2019/09/18	16:05:18	44.7
148	2019/09/18	16:05:21	44.0
149	2019/09/18	16:05:24	48.5
150	2019/09/18	16:05:27	48.1
151	2019/09/18	16:05:30	44.8
152	2019/09/18	16:05:33	43.7
153	2019/09/18	16:05:36	43.3
154	2019/09/18	16:05:39	44.4
155	2019/09/18	16:05:42	40.7
156	2019/09/18	16:05:45	42.6
157	2019/09/18	16:05:48	42.9
158	2019/09/18	16:05:51	46.7
159	2019/09/18	16:05:54	47.1
160	2019/09/18	16:05:57	44.3
161	2019/09/18	16:06:00	41.7
162	2019/09/18	16:06:03	42.9
163	2019/09/18	16:06:06	48.0
164	2019/09/18	16:06:09	44.7
165	2019/09/18	16:06:12	50.1
166	2019/09/18	16:06:15	47.9
167	2019/09/18	16:06:18	45.9
168	2019/09/18	16:06:21	43.6
169	2019/09/18	16:06:24	41.9
170	2019/09/18	16:06:27	49.6
171	2019/09/18	16:06:30	45.1
172	2019/09/18	16:06:33	48.0
173	2019/09/18	16:06:36	43.0
174	2019/09/18	16:06:39	40.3
175	2019/09/18	16:06:42	46.2
176	2019/09/18	16:06:45	49.7
177	2019/09/18	16:06:48	52.7
178	2019/09/18	16:06:51	48.6
179	2019/09/18	16:06:54	49.3
180	2019/09/18	16:06:57	47.9
181	2019/09/18	16:07:00	46.9
182	2019/09/18	16:07:03	46.0
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184	2019/09/18	16:07:09	46.2

185	2019/09/18	16:07:12	45.2
186	2019/09/18	16:07:15	48.1
187	2019/09/18	16:07:18	48.1
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189	2019/09/18	16:07:24	48.2
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196	2019/09/18	16:07:45	45.8
197	2019/09/18	16:07:48	52.6
198	2019/09/18	16:07:51	50.4
199	2019/09/18	16:07:54	51.7
200	2019/09/18	16:07:57	44.7
201	2019/09/18	16:08:00	52.3
202	2019/09/18	16:08:03	46.7
203	2019/09/18	16:08:06	44.3
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205	2019/09/18	16:08:12	45.2
206	2019/09/18	16:08:15	44.9
207	2019/09/18	16:08:18	49.1
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209	2019/09/18	16:08:24	48.1
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211	2019/09/18	16:08:30	50.2
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215	2019/09/18	16:08:42	47.2
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222	2019/09/18	16:09:03	45.9
223	2019/09/18	16:09:06	41.0
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225	2019/09/18	16:09:12	40.7
226	2019/09/18	16:09:15	40.8
227	2019/09/18	16:09:18	46.8
228	2019/09/18	16:09:21	41.3
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230	2019/09/18	16:09:27	49.0
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233	2019/09/18	16:09:36	45.7
234	2019/09/18	16:09:39	44.7
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236	2019/09/18	16:09:45	41.8
237	2019/09/18	16:09:48	45.7
238	2019/09/18	16:09:51	49.1
239	2019/09/18	16:09:54	48.6
240	2019/09/18	16:09:57	44.5
241	2019/09/18	16:10:00	42.1
242	2019/09/18	16:10:03	41.7
243	2019/09/18	16:10:06	41.7
244	2019/09/18	16:10:09	42.2
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246	2019/09/18	16:10:15	42.7
247	2019/09/18	16:10:18	45.4
248	2019/09/18	16:10:21	40.9
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250	2019/09/18	16:10:27	44.2
251	2019/09/18	16:10:30	41.8
252	2019/09/18	16:10:33	41.1
253	2019/09/18	16:10:36	43.5
254	2019/09/18	16:10:39	46.9
255	2019/09/18	16:10:42	50.4
256	2019/09/18	16:10:45	44.8
257	2019/09/18	16:10:48	42.4
258	2019/09/18	16:10:51	50.1
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260	2019/09/18	16:10:57	44.9
261	2019/09/18	16:11:00	47.3
262	2019/09/18	16:11:03	42.9
263	2019/09/18	16:11:06	49.7
264	2019/09/18	16:11:09	45.2
265	2019/09/18	16:11:12	40.0
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267	2019/09/18	16:11:18	41.6
268	2019/09/18	16:11:21	39.9
269	2019/09/18	16:11:24	41.0
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271	2019/09/18	16:11:30	40.3
272	2019/09/18	16:11:33	45.3
273	2019/09/18	16:11:36	45.0
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275	2019/09/18	16:11:42	42.8
276	2019/09/18	16:11:45	48.6
277	2019/09/18	16:11:48	58.3
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279	2019/09/18	16:11:54	50.1
280	2019/09/18	16:11:57	48.1
281	2019/09/18	16:12:00	53.5
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284	2019/09/18	16:12:09	45.7
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293	2019/09/18	16:12:36	48.1
294	2019/09/18	16:12:39	47.3
295	2019/09/18	16:12:42	49.3
296	2019/09/18	16:12:45	47.5
297	2019/09/18	16:12:48	44.6
298	2019/09/18	16:12:51	49.8
299	2019/09/18	16:12:54	54.6
300	2019/09/18	16:12:57	50.6

ST6

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 81.7 - 2019/09/18 16:33:22
- Level Range : 30-90
- SEL : 99.5
- Leq : 70.0
-

No.s	Date Time	(dB)
1	2019/09/18 16:30:00	66.3
2	2019/09/18 16:30:03	65.4
3	2019/09/18 16:30:06	72.3
4	2019/09/18 16:30:09	72.6
5	2019/09/18 16:30:12	63.9
6	2019/09/18 16:30:15	59.1
7	2019/09/18 16:30:18	64.3
8	2019/09/18 16:30:21	71.8
9	2019/09/18 16:30:24	71.8
10	2019/09/18 16:30:27	77.1
11	2019/09/18 16:30:30	68.5
12	2019/09/18 16:30:33	78.3
13	2019/09/18 16:30:36	76.8
14	2019/09/18 16:30:39	76.4
15	2019/09/18 16:30:42	69.0
16	2019/09/18 16:30:45	63.4
17	2019/09/18 16:30:48	69.0
18	2019/09/18 16:30:51	67.2
19	2019/09/18 16:30:54	63.4
20	2019/09/18 16:30:57	69.3
21	2019/09/18 16:31:00	71.6
22	2019/09/18 16:31:03	68.1
23	2019/09/18 16:31:06	67.6
24	2019/09/18 16:31:09	67.5
25	2019/09/18 16:31:12	60.9
26	2019/09/18 16:31:15	57.2
27	2019/09/18 16:31:18	60.1
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29	2019/09/18 16:31:24	66.5
30	2019/09/18 16:31:27	65.6
31	2019/09/18 16:31:30	63.3
32	2019/09/18 16:31:33	68.0
33	2019/09/18 16:31:36	61.4
34	2019/09/18 16:31:39	57.8
35	2019/09/18 16:31:42	60.9
36	2019/09/18 16:31:45	65.9
37	2019/09/18 16:31:48	64.2
38	2019/09/18 16:31:51	63.3
39	2019/09/18 16:31:54	76.7
40	2019/09/18 16:31:57	70.5
41	2019/09/18 16:32:00	69.2
42	2019/09/18 16:32:03	62.1
43	2019/09/18 16:32:06	57.7
44	2019/09/18 16:32:09	65.1
45	2019/09/18 16:32:12	71.9
46	2019/09/18 16:32:15	74.2
47	2019/09/18 16:32:18	66.1
48	2019/09/18 16:32:21	68.1
49	2019/09/18 16:32:24	64.2
50	2019/09/18 16:32:27	69.2
51	2019/09/18 16:32:30	68.3
52	2019/09/18 16:32:33	65.8
53	2019/09/18 16:32:36	72.0
54	2019/09/18 16:32:39	67.6
55	2019/09/18 16:32:42	73.6
56	2019/09/18 16:32:45	69.3
57	2019/09/18 16:32:48	65.5
58	2019/09/18 16:32:51	58.9
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60	2019/09/18 16:32:57	51.8
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64	2019/09/18 16:33:09	57.8
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66	2019/09/18 16:33:15	59.9
67	2019/09/18 16:33:18	71.8
68	2019/09/18 16:33:21	79.5
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70	2019/09/18 16:33:27	70.0
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72	2019/09/18 16:33:33	60.0
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81	2019/09/18 16:34:00	70.1
82	2019/09/18 16:34:03	70.6
83	2019/09/18 16:34:06	67.3
84	2019/09/18 16:34:09	75.1
85	2019/09/18 16:34:12	65.8

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248	2019/09/18	16:42:21	61.8
249	2019/09/18	16:42:24	63.6
250	2019/09/18	16:42:27	69.5
251	2019/09/18	16:42:30	71.3
252	2019/09/18	16:42:33	71.0
253	2019/09/18	16:42:36	66.8
254	2019/09/18	16:42:39	69.6
255	2019/09/18	16:42:42	73.7
256	2019/09/18	16:42:45	65.0
257	2019/09/18	16:42:48	66.2
258	2019/09/18	16:42:51	66.6
259	2019/09/18	16:42:54	67.0
260	2019/09/18	16:42:57	60.6
261	2019/09/18	16:43:00	64.7
262	2019/09/18	16:43:03	68.0
263	2019/09/18	16:43:06	68.5
264	2019/09/18	16:43:09	70.3
265	2019/09/18	16:43:12	71.8
266	2019/09/18	16:43:15	67.2
267	2019/09/18	16:43:18	63.3
268	2019/09/18	16:43:21	72.5
269	2019/09/18	16:43:24	63.2
270	2019/09/18	16:43:27	58.0
271	2019/09/18	16:43:30	68.9
272	2019/09/18	16:43:33	75.1
273	2019/09/18	16:43:36	68.4
274	2019/09/18	16:43:39	71.4
275	2019/09/18	16:43:42	62.2
276	2019/09/18	16:43:45	66.2
277	2019/09/18	16:43:48	62.5
278	2019/09/18	16:43:51	65.2
279	2019/09/18	16:43:54	56.9
280	2019/09/18	16:43:57	65.7
281	2019/09/18	16:44:00	59.2
282	2019/09/18	16:44:03	59.3
283	2019/09/18	16:44:06	68.9

284	2019/09/18	16:44:09	62.2
285	2019/09/18	16:44:12	62.4
286	2019/09/18	16:44:15	70.6
287	2019/09/18	16:44:18	62.8
288	2019/09/18	16:44:21	57.6
289	2019/09/18	16:44:24	60.1
290	2019/09/18	16:44:27	68.5
291	2019/09/18	16:44:30	69.6
292	2019/09/18	16:44:33	66.3
293	2019/09/18	16:44:36	63.2
294	2019/09/18	16:44:39	68.3
295	2019/09/18	16:44:42	70.3
296	2019/09/18	16:44:45	63.2
297	2019/09/18	16:44:48	66.8
298	2019/09/18	16:44:51	71.3
299	2019/09/18	16:44:54	63.2
300	2019/09/18	16:44:57	60.9

- Freq Weight : A
- Time Weight : SLOW
- Level Range : 30-90
- Max dB : 62.9 - 2000/00/00 00:00:00
- Level Range : 30-90
- SEL : 79.4
- Leq : 50.0
-

ST7

No.s	Date Time	(dB)
1	2019/09/18 17:16:13	53.3
2	2019/09/18 17:16:16	52.9
3	2019/09/18 17:16:19	48.3
4	2019/09/18 17:16:22	60.3
5	2019/09/18 17:16:25	51.4
6	2019/09/18 17:16:28	47.5
7	2019/09/18 17:16:31	57.6
8	2019/09/18 17:16:34	53.9
9	2019/09/18 17:16:37	51.7
10	2019/09/18 17:16:40	48.6
11	2019/09/18 17:16:43	47.1
12	2019/09/18 17:16:46	43.0
13	2019/09/18 17:16:49	51.0
14	2019/09/18 17:16:52	43.8
15	2019/09/18 17:16:55	45.8
16	2019/09/18 17:16:58	43.0
17	2019/09/18 17:17:01	43.4
18	2019/09/18 17:17:04	42.6
19	2019/09/18 17:17:07	51.7
20	2019/09/18 17:17:10	52.7
21	2019/09/18 17:17:13	47.6
22	2019/09/18 17:17:16	43.9
23	2019/09/18 17:17:19	54.4
24	2019/09/18 17:17:22	50.5
25	2019/09/18 17:17:25	54.6
26	2019/09/18 17:17:28	48.3
27	2019/09/18 17:17:31	47.2
28	2019/09/18 17:17:34	51.7
29	2019/09/18 17:17:37	53.2
30	2019/09/18 17:17:40	47.3
31	2019/09/18 17:17:43	43.9
32	2019/09/18 17:17:46	39.0
33	2019/09/18 17:17:49	49.2
34	2019/09/18 17:17:52	51.0
35	2019/09/18 17:17:55	51.7
36	2019/09/18 17:17:58	45.9
37	2019/09/18 17:18:01	45.9
38	2019/09/18 17:18:04	47.5
39	2019/09/18 17:18:07	51.3
40	2019/09/18 17:18:10	46.0
41	2019/09/18 17:18:13	46.5
42	2019/09/18 17:18:16	53.4
43	2019/09/18 17:18:19	49.1
44	2019/09/18 17:18:22	50.6
45	2019/09/18 17:18:25	54.3
46	2019/09/18 17:18:28	51.2
47	2019/09/18 17:18:31	52.1
48	2019/09/18 17:18:34	49.8
49	2019/09/18 17:18:37	53.2
50	2019/09/18 17:18:40	47.6
51	2019/09/18 17:18:43	50.1
52	2019/09/18 17:18:46	50.8
53	2019/09/18 17:18:49	52.7
54	2019/09/18 17:18:52	54.6
55	2019/09/18 17:18:55	51.9
56	2019/09/18 17:18:58	50.0
57	2019/09/18 17:19:01	46.0
58	2019/09/18 17:19:04	48.1
59	2019/09/18 17:19:07	49.1
60	2019/09/18 17:19:10	44.4
61	2019/09/18 17:19:13	45.7
62	2019/09/18 17:19:16	41.2
63	2019/09/18 17:19:19	43.8
64	2019/09/18 17:19:22	51.5
65	2019/09/18 17:19:25	47.8
66	2019/09/18 17:19:28	46.1
67	2019/09/18 17:19:31	43.5
68	2019/09/18 17:19:34	48.8
69	2019/09/18 17:19:37	50.4
70	2019/09/18 17:19:40	47.1
71	2019/09/18 17:19:43	45.2
72	2019/09/18 17:19:46	48.9
73	2019/09/18 17:19:49	48.5
74	2019/09/18 17:19:52	50.1
75	2019/09/18 17:19:55	46.0
76	2019/09/18 17:19:58	52.1
77	2019/09/18 17:20:01	45.1
78	2019/09/18 17:20:04	41.5
79	2019/09/18 17:20:07	47.0
80	2019/09/18 17:20:10	50.7
81	2019/09/18 17:20:13	53.2
82	2019/09/18 17:20:16	47.0
83	2019/09/18 17:20:19	41.5
84	2019/09/18 17:20:22	49.5
85	2019/09/18 17:20:25	50.2

86	2019/09/18	17:20:28	50.6
87	2019/09/18	17:20:31	46.0
88	2019/09/18	17:20:34	52.0
89	2019/09/18	17:20:37	51.9
90	2019/09/18	17:20:40	49.4
91	2019/09/18	17:20:43	46.0
92	2019/09/18	17:20:46	51.5
93	2019/09/18	17:20:49	49.1
94	2019/09/18	17:20:52	43.5
95	2019/09/18	17:20:55	49.6
96	2019/09/18	17:20:58	42.6
97	2019/09/18	17:21:01	38.7
98	2019/09/18	17:21:04	35.9
99	2019/09/18	17:21:07	38.5
100	2019/09/18	17:21:10	36.8
101	2019/09/18	17:21:13	36.4
102	2019/09/18	17:21:16	39.4
103	2019/09/18	17:21:19	33.0
104	2019/09/18	17:21:22	43.3
105	2019/09/18	17:21:25	39.6
106	2019/09/18	17:21:28	41.8
107	2019/09/18	17:21:31	45.0
108	2019/09/18	17:21:34	50.8
109	2019/09/18	17:21:37	48.7
110	2019/09/18	17:21:40	46.0
111	2019/09/18	17:21:43	45.3
112	2019/09/18	17:21:46	42.3
113	2019/09/18	17:21:49	49.3
114	2019/09/18	17:21:52	48.1
115	2019/09/18	17:21:55	39.9
116	2019/09/18	17:21:58	37.5
117	2019/09/18	17:22:01	43.7
118	2019/09/18	17:22:04	42.9
119	2019/09/18	17:22:07	36.2
120	2019/09/18	17:22:10	40.6
121	2019/09/18	17:22:13	34.2
122	2019/09/18	17:22:16	35.1
123	2019/09/18	17:22:19	34.6
124	2019/09/18	17:22:22	31.7
125	2019/09/18	17:22:25	30.7
126	2019/09/18	17:22:28	31.2
127	2019/09/18	17:22:31	31.1
128	2019/09/18	17:22:34	38.4
129	2019/09/18	17:22:37	37.9
130	2019/09/18	17:22:40	39.9
131	2019/09/18	17:22:43	47.2
132	2019/09/18	17:22:46	44.0
133	2019/09/18	17:22:49	38.4
134	2019/09/18	17:22:52	46.2
135	2019/09/18	17:22:55	47.8
136	2019/09/18	17:22:58	50.7
137	2019/09/18	17:23:01	50.3
138	2019/09/18	17:23:04	42.4
139	2019/09/18	17:23:07	54.2
140	2019/09/18	17:23:10	47.3
141	2019/09/18	17:23:13	47.7
142	2019/09/18	17:23:16	51.4
143	2019/09/18	17:23:19	47.3
144	2019/09/18	17:23:22	45.6
145	2019/09/18	17:23:25	47.4
146	2019/09/18	17:23:28	46.0
147	2019/09/18	17:23:31	50.6
148	2019/09/18	17:23:34	54.6
149	2019/09/18	17:23:37	50.0
150	2019/09/18	17:23:40	50.5
151	2019/09/18	17:23:43	47.0
152	2019/09/18	17:23:46	43.0
153	2019/09/18	17:23:49	48.3
154	2019/09/18	17:23:52	46.7
155	2019/09/18	17:23:55	48.9
156	2019/09/18	17:23:58	44.0
157	2019/09/18	17:24:01	38.2
158	2019/09/18	17:24:04	52.1
159	2019/09/18	17:24:07	54.3
160	2019/09/18	17:24:10	46.3
161	2019/09/18	17:24:13	45.9
162	2019/09/18	17:24:16	51.6
163	2019/09/18	17:24:19	48.6
164	2019/09/18	17:24:22	49.3
165	2019/09/18	17:24:25	43.9
166	2019/09/18	17:24:28	42.5
167	2019/09/18	17:24:31	48.0
168	2019/09/18	17:24:34	47.0
169	2019/09/18	17:24:37	47.2
170	2019/09/18	17:24:40	50.8
171	2019/09/18	17:24:43	44.2
172	2019/09/18	17:24:46	44.2
173	2019/09/18	17:24:49	43.5
174	2019/09/18	17:24:52	47.1
175	2019/09/18	17:24:55	49.0
176	2019/09/18	17:24:58	49.8
177	2019/09/18	17:25:01	44.1
178	2019/09/18	17:25:04	43.7
179	2019/09/18	17:25:07	44.7
180	2019/09/18	17:25:10	45.6
181	2019/09/18	17:25:13	50.8
182	2019/09/18	17:25:16	47.9
183	2019/09/18	17:25:19	53.4
184	2019/09/18	17:25:22	52.9

185	2019/09/18 17:25:25	50.4
186	2019/09/18 17:25:28	48.7
187	2019/09/18 17:25:31	41.9
188	2019/09/18 17:25:34	45.9
189	2019/09/18 17:25:37	42.0
190	2019/09/18 17:25:40	38.5
191	2019/09/18 17:25:43	39.7
192	2019/09/18 17:25:46	51.0
193	2019/09/18 17:25:49	50.8
194	2019/09/18 17:25:52	45.0
195	2019/09/18 17:25:55	44.4
196	2019/09/18 17:25:58	45.5
197	2019/09/18 17:26:01	50.4
198	2019/09/18 17:26:04	48.4
199	2019/09/18 17:26:07	52.6
200	2019/09/18 17:26:10	52.7
201	2019/09/18 17:26:13	49.0
202	2019/09/18 17:26:16	46.4
203	2019/09/18 17:26:19	43.9
204	2019/09/18 17:26:22	50.1
205	2019/09/18 17:26:25	48.8
206	2019/09/18 17:26:28	52.3
207	2019/09/18 17:26:31	51.1
208	2019/09/18 17:26:34	44.4
209	2019/09/18 17:26:37	40.7
210	2019/09/18 17:26:40	44.4
211	2019/09/18 17:26:43	44.6
212	2019/09/18 17:26:46	39.4
213	2019/09/18 17:26:49	45.5
214	2019/09/18 17:26:52	40.7
215	2019/09/18 17:26:55	45.3
216	2019/09/18 17:26:58	47.9
217	2019/09/18 17:27:01	44.3
218	2019/09/18 17:27:04	43.0
219	2019/09/18 17:27:07	39.3
220	2019/09/18 17:27:10	42.2
221	2019/09/18 17:27:13	40.6
222	2019/09/18 17:27:16	37.2
223	2019/09/18 17:27:19	35.4
224	2019/09/18 17:27:22	36.3
225	2019/09/18 17:27:25	45.0
226	2019/09/18 17:27:28	48.8
227	2019/09/18 17:27:31	40.5
228	2019/09/18 17:27:34	47.9
229	2019/09/18 17:27:37	45.0
230	2019/09/18 17:27:40	43.7
231	2019/09/18 17:27:43	41.2
232	2019/09/18 17:27:46	43.9
233	2019/09/18 17:27:49	48.5
234	2019/09/18 17:27:52	46.0
235	2019/09/18 17:27:55	50.7
236	2019/09/18 17:27:58	50.4
237	2019/09/18 17:28:01	48.2
238	2019/09/18 17:28:04	51.3
239	2019/09/18 17:28:07	52.6
240	2019/09/18 17:28:10	50.3
241	2019/09/18 17:28:13	49.5
242	2019/09/18 17:28:16	47.2
243	2019/09/18 17:28:19	50.4
244	2019/09/18 17:28:22	47.0
245	2019/09/18 17:28:25	42.0
246	2019/09/18 17:28:28	52.8
247	2019/09/18 17:28:31	54.1
248	2019/09/18 17:28:34	50.7
249	2019/09/18 17:28:37	45.8
250	2019/09/18 17:28:40	41.7
251	2019/09/18 17:28:43	46.9
252	2019/09/18 17:28:46	47.4
253	2019/09/18 17:28:49	47.3
254	2019/09/18 17:28:52	51.7
255	2019/09/18 17:28:55	51.2
256	2019/09/18 17:28:58	46.4
257	2019/09/18 17:29:01	43.1
258	2019/09/18 17:29:04	44.8
259	2019/09/18 17:29:07	55.4
260	2019/09/18 17:29:10	54.0
261	2019/09/18 17:29:13	45.2
262	2019/09/18 17:29:16	45.2
263	2019/09/18 17:29:19	54.1
264	2019/09/18 17:29:22	53.8
265	2019/09/18 17:29:25	48.3
266	2019/09/18 17:29:28	48.0
267	2019/09/18 17:29:31	45.5
268	2019/09/18 17:29:34	42.6
269	2019/09/18 17:29:37	47.2
270	2019/09/18 17:29:40	45.1
271	2019/09/18 17:29:43	54.7
272	2019/09/18 17:29:46	54.8
273	2019/09/18 17:29:49	57.0
274	2019/09/18 17:29:52	57.0
275	2019/09/18 17:29:55	55.8
276	2019/09/18 17:29:58	55.4
277	2019/09/18 17:30:01	56.1
278	2019/09/18 17:30:04	53.3
279	2019/09/18 17:30:07	50.0
280	2019/09/18 17:30:10	50.5
281	2019/09/18 17:30:13	52.8
282	2019/09/18 17:30:16	48.6
283	2019/09/18 17:30:19	48.4

284	2019/09/18	17:30:22	50.7
285	2019/09/18	17:30:25	48.0
286	2019/09/18	17:30:28	46.1
287	2019/09/18	17:30:31	46.8
288	2019/09/18	17:30:34	48.5
289	2019/09/18	17:30:37	53.3
290	2019/09/18	17:30:40	58.4
291	2019/09/18	17:30:43	56.1
292	2019/09/18	17:30:46	60.7
293	2019/09/18	17:30:49	56.7
294	2019/09/18	17:30:52	52.7
295	2019/09/18	17:30:55	51.1
296	2019/09/18	17:30:58	53.5
297	2019/09/18	17:31:01	52.5
298	2019/09/18	17:31:04	46.7
299	2019/09/18	17:31:07	45.2
300	2019/09/18	17:31:10	52.7

Appendix B

Roadway Construction Noise Model (RCNM) Results

Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 9/9/2019
Case Descr Bellefield Solar - Construction on Parcels

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Residential	Residentia	75	75	75	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	50	0
Backhoe	No	40		77.6	50	0
Compactor (ground)	No	20		83.2	50	0
Concrete Mixer Truck	No	40		78.8	50	0
Crane	No	16		80.6	50	0
Dozer	No	40		81.7	50	0
Dump Truck	No	40		76.5	50	0
Excavator	No	40		80.7	50	0
Flat Bed Truck	No	40		74.3	50	0
Front End Loader	No	40		79.1	50	0
Generator	No	50		80.6	50	0
Grader	No	40	85		50	0
Pickup Truck	No	40		75	50	0
Pneumatic Tools	No	50		85.2	50	0
Roller	No	20		80	50	0
Scraper	No	40		83.6	50	0
Warning Horn	No	5		83.2	50	0
Welder / Torch	No	40		74	50	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Auger Drill Rig	84.4	77.4
Backhoe	77.6	73.6
Compactor (ground)	83.2	76.2
Concrete Mixer Truck	78.8	74.8
Crane	80.6	72.6
Dozer	81.7	77.7
Dump Truck	76.5	72.5
Excavator	80.7	76.7
Flat Bed Truck	74.3	70.3
Front End Loader	79.1	75.1

Generator	80.6	77.6
Grader	85	81
Pickup Truck	75	71
Pneumatic Tools	85.2	82.2
Roller	80	73
Scraper	83.6	79.6
Warning Horn	83.2	70.2
Welder / Torch	74	70
Total	85.2	89.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/9/2019
Case Description: Bellefield Solar - Construction on Parcels

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	6300	0
Backhoe	No	40		77.6	6300	0
Compactor (ground)	No	20		83.2	6300	0
Concrete Mixer Truck	No	40		78.8	6300	0
Crane	No	16		80.6	6300	0
Dozer	No	40		81.7	6300	0
Dump Truck	No	40		76.5	6300	0
Excavator	No	40		80.7	6300	0
Flat Bed Truck	No	40		74.3	6300	0
Front End Loader	No	40		79.1	6300	0
Generator	No	50		80.6	6300	0
Grader	No	40	85		6300	0
Pickup Truck	No	40		75	6300	0
Pneumatic Tools	No	50		85.2	6300	0
Roller	No	20		80	6300	0
Scraper	No	40		83.6	6300	0
Warning Horn	No	5		83.2	6300	0
Welder / Torch	No	40		74	6300	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Auger Drill Rig	42.4	35.4
Backhoe	35.6	31.6
Compactor (ground)	41.2	34.2
Concrete Mixer Truck	36.8	32.8
Crane	38.5	30.6
Dozer	39.7	35.7
Dump Truck	34.4	30.5
Excavator	38.7	34.7
Flat Bed Truck	32.2	28.3
Front End Loader	37.1	33.1

Generator	38.6	35.6
Grader	43	39
Pickup Truck	33	29
Pneumatic Tools	43.2	40.2
Roller	38	31
Scraper	41.6	37.6
Warning Horn	41.2	28.2
Welder / Torch	32	28
Total	43.2	47.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/10/2019
Case Descrip Bellefield Solar - Construction on Parcels

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	15300	0
Backhoe	No	40		77.6	15300	0
Compactor (ground)	No	20		83.2	15300	0
Concrete Mixer Truck	No	40		78.8	15300	0
Crane	No	16		80.6	15300	0
Dozer	No	40		81.7	15300	0
Dump Truck	No	40		76.5	15300	0
Excavator	No	40		80.7	15300	0
Flat Bed Truck	No	40		74.3	15300	0
Front End Loader	No	40		79.1	15300	0
Generator	No	50		80.6	15300	0
Grader	No	40	85		15300	0
Pickup Truck	No	40		75	15300	0
Pneumatic Tools	No	50		85.2	15300	0
Roller	No	20		80	15300	0
Scraper	No	40		83.6	15300	0
Warning Horn	No	5		83.2	15300	0
Welder / Torch	No	40		74	15300	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	34.6	27.7
Backhoe	27.8	23.9
Compactor (ground)	33.5	26.5
Concrete Mixer Truck	29.1	25.1
Crane	30.8	22.9
Dozer	32	28
Dump Truck	26.7	22.8
Excavator	31	27
Flat Bed Truck	24.5	20.6
Front End Loader	29.4	25.4

Generator	30.9	27.9
Grader	35.3	31.3
Pickup Truck	25.3	21.3
Pneumatic Tools	35.5	32.5
Roller	30.3	23.3
Scraper	33.9	29.9
Warning Horn	33.5	20.4
Welder / Torch	24.3	20.3
Total	35.5	39.5

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/19/2020
Case Description: Bellefield Solar - Construction on Parcels

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	20890	0
Backhoe	No	40		77.6	20890	0
Compactor (ground)	No	20		83.2	20890	0
Concrete Mixer Truck	No	40		78.8	20890	0
Crane	No	16		80.6	20890	0
Dozer	No	40		81.7	20890	0
Dump Truck	No	40		76.5	20890	0
Excavator	No	40		80.7	20890	0
Flat Bed Truck	No	40		74.3	20890	0
Front End Loader	No	40		79.1	20890	0
Generator	No	50		80.6	20890	0
Grader	No	40	85		20890	0
Pickup Truck	No	40		75	20890	0
Pneumatic Tools	No	50		85.2	20890	0
Roller	No	20		80	20890	0
Scraper	No	40		83.6	20890	0
Warning Horn	No	5		83.2	20890	0
Welder / Torch	No	40		74	20890	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	31.9	25
Backhoe	25.1	21.2
Compactor (ground)	30.8	23.8
Concrete Mixer Truck	26.4	22.4
Crane	28.1	20.2
Dozer	29.3	25.3
Dump Truck	24	20.1
Excavator	28.3	24.3
Flat Bed Truck	21.8	17.9
Front End Loader	26.7	22.7

Generator		28.2	25.2
Grader		32.6	28.6
Pickup Truck		22.6	18.6
Pneumatic Tools		32.8	29.8
Roller		27.6	20.6
Scraper		31.2	27.2
Warning Horn		30.8	17.7
Welder / Torch		21.6	17.6
	Total	32.8	36.8

*Calculated Lmax is the Loudest value.

Report date: 11/19/2020
Case Description: Bellefield Solar - Construction on Parcels

		Baselines (dBA)			---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night	
Residential	Residential	75	75	75	

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	23850	0
Backhoe	No	40		77.6	23850	0
Compactor (ground)	No	20		83.2	23850	0
Concrete Mixer Truck	No	40		78.8	23850	0
Crane	No	16		80.6	23850	0
Dozer	No	40		81.7	23850	0
Dump Truck	No	40		76.5	23850	0
Excavator	No	40		80.7	23850	0
Flat Bed Truck	No	40		74.3	23850	0
Front End Loader	No	40		79.1	23850	0
Generator	No	50		80.6	23850	0
Grader	No	40	85		23850	0
Pickup Truck	No	40		75	23850	0
Pneumatic Tools	No	50		85.2	23850	0
Roller	No	20		80	23850	0
Scraper	No	40		83.6	23850	0
Warning Horn	No	5		83.2	23850	0
Welder / Torch	No	40		74	23850	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	30.8	23.8
Backhoe	24	20
Compactor (ground)	29.7	22.7
Concrete Mixer Truck	25.2	21.3
Crane	27	19
Dozer	28.1	24.1
Dump Truck	22.9	18.9
Excavator	27.1	23.2
Flat Bed Truck	20.7	16.7
Front End Loader	25.5	21.6

Generator		27.1	24
Grader		31.4	27.5
Pickup Truck		21.4	17.5
Pneumatic Tools		31.6	28.6
Roller		26.4	19.4
Scraper		30	26
Warning Horn		29.6	16.6
Welder / Torch		20.4	16.5
	Total	31.6	35.6

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/19/2020
Case Description: Bellefield Solar - Construction on Parcels

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	23850	0
Backhoe	No	40		77.6	23850	0
Compactor (ground)	No	20		83.2	28650	0
Concrete Mixer Truck	No	40		78.8	28650	0
Crane	No	16		80.6	28650	0
Dozer	No	40		81.7	28650	0
Dump Truck	No	40		76.5	28650	0
Excavator	No	40		80.7	28650	0
Flat Bed Truck	No	40		74.3	28650	0
Front End Loader	No	40		79.1	28650	0
Generator	No	50		80.6	28650	0
Grader	No	40	85		28650	0
Pickup Truck	No	40		75	28650	0
Pneumatic Tools	No	50		85.2	28650	0
Roller	No	20		80	28650	0
Scraper	No	40		83.6	28650	0
Warning Horn	No	5		83.2	28650	0
Welder / Torch	No	40		74	28650	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	30.8	23.8
Backhoe	24	20
Compactor (ground)	28.1	21.1
Concrete Mixer Truck	23.6	19.7
Crane	25.4	17.4
Dozer	26.5	22.5
Dump Truck	21.3	17.3
Excavator	25.5	21.6
Flat Bed Truck	19.1	15.1
Front End Loader	23.9	20

Generator		25.5	22.5
Grader		29.8	25.9
Pickup Truck		19.8	15.9
Pneumatic Tools		30	27
Roller		24.8	17.8
Scraper		28.4	24.4
Warning Horn		28	15
Welder / Torch		18.8	14.9
	Total	30.8	34.2

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/9/2019
Case Description: Bellefield Solar - Gen Tie Construction

		Baselines (dBA)		---- Receptor #1 ----
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	33260	0
Front End Loader	No	40		79.1	33260	0
Grader	No	40	85		33260	0
Pickup Truck	No	40		75	33260	0
Crane	No	16		80.6	33260	0
Concrete Mixer Truck	No	40		78.8	33260	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Auger Drill Rig	27.9	20.9
Front End Loader	22.7	18.7
Grader	28.5	24.6
Pickup Truck	18.5	14.6
Crane	24.1	16.1
Concrete Mixer Truck	22.3	18.4
Total	28.5	27.9

*Calculated Lmax is the Loudest value.

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/9/2019
Case Description: Bellefield Solar - Gen Tie Construction

				---- Receptor #1 ----
		Baselines (dBA)		
Description	Land Use	Daytime	Evening	Night
Residential	Residential	75	75	75

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	25	0
Front End Loader	No	40		79.1	25	0
Grader	No	40	85		25	0
Pickup Truck	No	40		75	25	0
Crane	No	16		80.6	25	0
Concrete Mixer Truck	No	40		78.8	25	0

Results

Calculated (dBA)

Equipment	*Lmax	Leq
Auger Drill Rig	90.4	83.4
Front End Loader	85.1	81.2
Grader	91	87
Pickup Truck	81	77
Crane	86.6	78.6
Concrete Mixer Truck	84.8	80.8
Total	91	90.4

*Calculated Lmax is the Loudest value.

Appendix L
Transportation Analysis

L.1 Traffic Impact Analysis

L.2 Oak Creek Road Evaluation

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L.1 Traffic Impact Analysis

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Bellefield Solar Project Traffic Impact Analysis

California City & Kern County

June 24, 2020

Prepared for:

50LW 8ME LLC
c/o 8minute Solar Energy
250 Sutter Street, Suite 600
San Francisco, CA 94108

Prepared by:

Stantec Consulting Services Inc.

This document entitled Bellefield Solar Project Traffic Impact Analysis was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of 50LW 8me LLC (the "Client").

Prepared by _____
(signature)

Sandhya Perumalla

Senior Transportation Planner

(949)-923-6074



Reviewed by _____
(signature)

Daryl Zerfass PE, PTP

Principal, Transportation Planning & Traffic Engineering

(949)-923-6058

Reviewed by _____
(signature)

Caitlin Barns - Senior Environmental Planner

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APPENDIX A TRIP GENERATION.....A.1

Acronyms and Abbreviations

AADT	annual average daily traffic
ADT	average daily traffic
Applicant	50LW 8me LLC
Caltrans	California Department of Transportation
Client	50 LW 8me LLC
EB	eastbound
ESS	energy storage system
HCM 6	Highway Capacity Manual, Sixth Edition
I-5	Interstate 5
kV	kilovolt
LOS	level of service
MP	Mile Post
NB	Northbound
O&M	operations and maintenance
PCE	Passenger car equivalent
PHV	peak hour volume
Project	Bellefield Solar Project
PV	photovoltaic
SB	southbound
SR	State Route
Stantec	Stantec Consulting Services Inc.
WB	westbound

1.0 INTRODUCTION

Stantec Consulting Services Inc. (Stantec) has performed a traffic impact analysis for the Bellefield Solar Project (Project), the proposed construction and operation of a 750-megawatt alternating current utility-scale solar farm with an energy storage system (ESS) located in unincorporated Kern County and California City, California. 50LW 8me LLC (applicant) is seeking approval of a conditional use permit for the project. The purpose of the analysis is to determine the amount of traffic generated by the project during construction and operation and to identify potential traffic-related significant impacts on the affected portions of the circulation system.

2.0 PROJECT DESCRIPTION

2.1 PROJECT INFORMATION

50LW 8me LLC (applicant) is seeking approval of conditional use permits (CUPs) for the construction of an up to 750-megawatt (MW) alternating electrical current (AC) utility-scale solar farm with an up to 2,000 megawatt-hour (MWh) Energy Storage System (ESS) known as Bellefield Solar Project (Project) in unincorporated Kern County and California City, California (Figure 1). The applicant proposes to construct, own, and operate the Project, and will secure CUPs from both Kern County and California City along with permits from other relevant agencies as required by law.

2.1.1 Project Site Information

The Project is comprised of 89 assessor's parcels (Project area) totaling approximately 8,372 gross acres. The Project includes 81 parcels totaling 6,269 gross acres within unincorporated Kern County and 8 assessor's parcels totaling approximately 2,103 gross acres within California City (Table 1). The permanent disturbance acreage associated with development of the solar facility and associated infrastructure (Project site) within the Project area would be less than the gross acreage of the Project area. The topography of the Project Area is relatively flat.

2.1.2 Location

The Project is located in portions of unincorporated Kern County and California City. The Project straddles State Route 58, east of Mojave and just west and south of the Hyundai-Kia Proving Ground.

Table 1: Bellefield Parcels

No.	Assessor's Parcel Number (APN)	Acres
California City		
1	235-061-02	658.81
2	235-101-45	304.05
3	235-101-46	103.66

No.	Assessor's Parcel Number (APN)	Acres
4	235-101-47	154.85
5	235-101-48	151.16
6	235-101-49	464.68
7	235-101-51	262.88
8	235-282-22	2.55
	California City Total	**2,102.64**
Unincorporated Kern County		
9	235-022-01	657.12
10	235-024-01	123.44
11	235-024-14	82.19
12	235-024-15	79.94
13	235-024-17	63.64
14	235-024-40	10.57
15	235-024-41	655.00
16	235-024-42	40.99
17	235-024-43	41.46
18	235-064-01	332.71
19	235-064-12	41.38
20	235-064-25	41.40
21	235-064-26	41.39
22	235-064-27	41.40
23	235-064-28	41.37
24	235-064-29	77.86
25	235-065-04	15.50
26	235-065-05	0.99
27	235-065-07	1.49
28	235-065-17	33.49
29	235-065-18	442.64
30	235-081-03	10.19
31	235-081-04	10.20
32	235-081-05	10.21
33	235-081-07	10.20
34	235-081-09	61.19
35	235-081-10	20.43
36	235-081-11	10.19
37	235-081-12	10.18
38	235-082-01	5.10

No.	Assessor's Parcel Number (APN)	Acres
39	235-082-06	25.53
40	235-082-07	5.11
41	235-082-12	1.28
42	235-082-15	20.48
43	235-082-16	40.99
44	235-082-17	5.12
45	235-082-18	5.11
46	235-082-19	10.22
47	235-082-24	2.56
48	235-082-25	2.56
49	235-101-29	23.55
50	235-102-01	11.58
51	235-102-02	305.10
52	235-132-16	601.47
53	235-134-01	490.81
54	235-191-01	10.32
55	235-221-01	489.82
56	235-340-07	10.30
57	235-340-09	82.69
58	235-340-10	10.38
59	235-340-11	10.39
60	235-340-19	10.37
61	235-340-28	41.60
62	235-340-29	2.59
63	235-340-36	2.59
64	235-351-01	81.53
65	235-351-02	20.47
66	235-351-03	20.45
67	235-351-04	40.86
68	235-353-11	5.15
69	235-353-21	2.58
70	235-353-22	2.58
71	235-410-02	10.16
72	235-410-04	8.04
73	235-410-06	10.08
74	428-010-02	171.12
75	428-010-03	170.95

No.	Assessor's Parcel Number (APN)	Acres
76	428-010-10	42.61
77	428-010-11	263.77
78	428-041-02	20.51
79	428-041-03	20.56
80	428-041-04	20.61
81	428-041-05	5.21
82	428-041-38	15.69
83	428-042-02	20.43
84	428-042-03	20.48
85	428-042-04	20.53
86	428-042-35	7.36
87	428-052-15	4.32
88	428-052-17	7.20
89	428-053-16	10.19
	Unincorporated Kern County Total	**6,269.14**
	Total	**8,371.78**

2.2 DESCRIPTION OF PROPOSED PROJECT

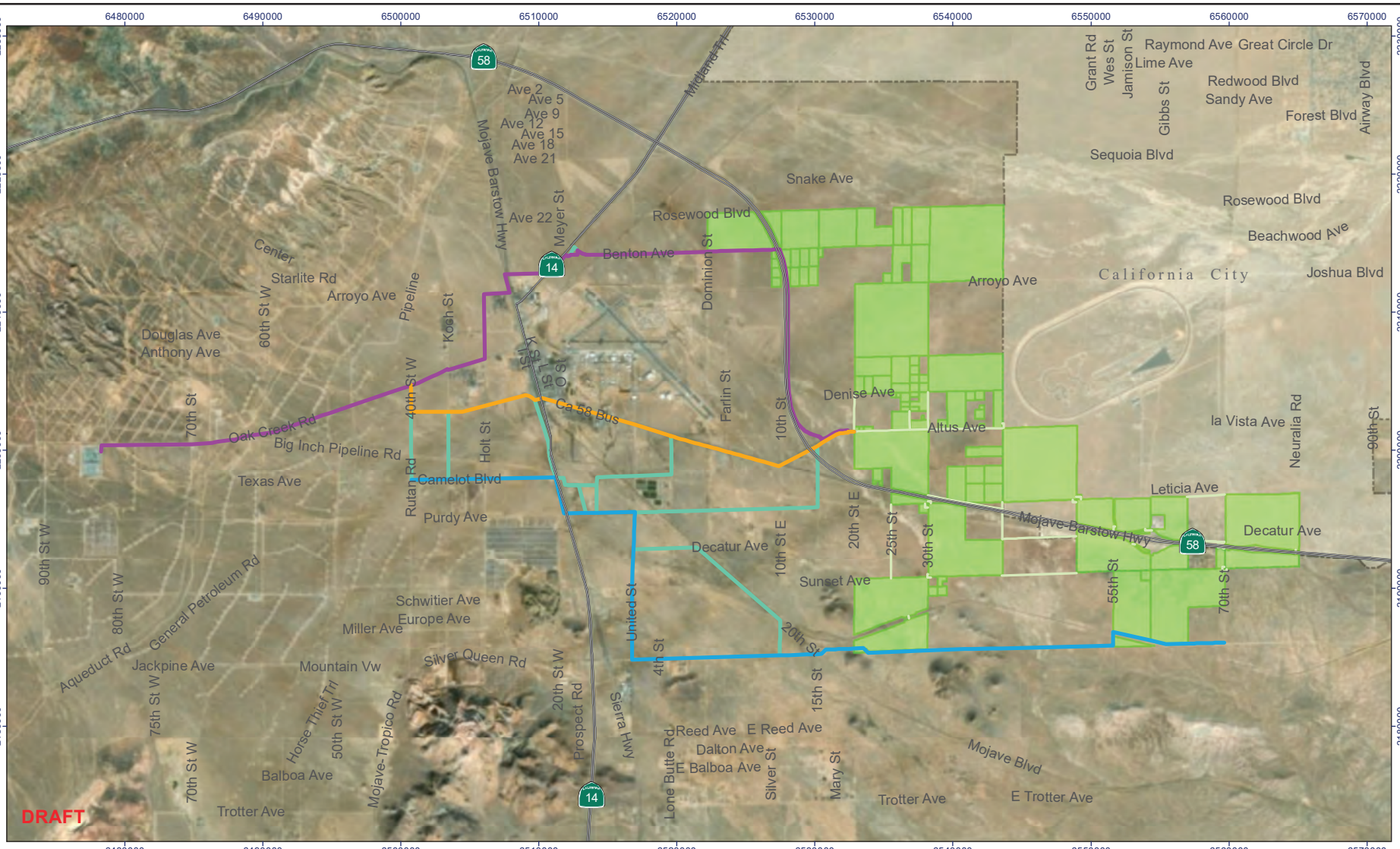
The applicant proposes to develop a photovoltaic (PV) energy facility and ESS. Energy generated by the Project would be delivered from the Project site via an up to 230-kilovolt (kV) overhead and/or underground generation-tie line (gen-tie) originating from one or more onsite substation(s)/switchyard(s) and terminating at the Southern California Edison (SCE) Windhub Substation.

The Project may include operations & maintenance (O&M) buildings, substations, ESSs, and gen-tie facilities, as necessary, or it may share such facilities with other nearby Projects or with any future energy Projects in the area, and/or it may be remotely operated. Alternatively, if shared facilities are used, those areas designated in the application materials for O&M building, substation, and/or transmission facility may be occupied by solar panels.

Up to 20 full-time employees would operate the Project. Typically, most staff would work during the day shift (sunrise to sunset) and the remainder would work during the night shifts and weekends. If the Project shared O&M, substation, and/or transmission facilities with one or more nearby solar Projects, and/or became remotely operated, the Project's onsite staff could be reduced.

After the useful life of the Project, the panels would be disassembled from the mounting frames and the Project site would be restored to its pre-development condition.







- Gen-Tie Northern Route
- Gen-Tie Middle Route
- Gen-Tie Southern Route
- Gen-Tie Variation
- Bellefield Collector Route
- Bellefield Survey

N

0 1 2 Miles

(At original document size of 8.5x11)

1:126,720

Notes

1. Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet

2. Data Sources: 8 Minute Solar Energy and Stantec

3. Basemap Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Stantec

MINUTE SOLAR ENERGY

Project Location
SW of California City
Kern County, CA

Prepared by SET on 2020-05-11
TR by CB on 2020-05-11
IR by

Client/Project
8 Minute Solar Energy
Bellefield Solar Project

185704636_001

Figure No.
1

DRAFT

Title
Bellefield Solar Project Location

V:\1857\Active\185704635_Kudu_Bellefield\03_data\gis_cad\gis\185704636_0001_BellefieldProjectLocation.mxd Revised: 2020-05-11 By: stroedson

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

2.2.1 PV Module Configuration

The Project would use PV panels or modules[1] on mounting frameworks to convert sunlight into electricity. Individual panels would be installed on either fixed-tilt or tracker mount systems (single- or dual-axis using galvanized steel or aluminum). If the panels are configured for fixed tilt, the panels would be oriented toward the south. For tracking systems, the panels would rotate to follow the sun over the course of the day. Although the panels could stand up to 20 feet high depending on the mounting system used and on local building codes, they are expected to be between 6 and 8 feet high.

The foundations for the mounting structures can extend up to 10 feet below ground surface, depending on the mounting structure, soil conditions, and wind loads, and may be encased in concrete or use small concrete footings. Final solar panel layout and spacing would be optimized for site characteristics and the desired energy production profile.

2.2.2 Inverter Stations

Direct Current (DC) energy is delivered from the panels via cables to inverter stations, generally located near the center of each block. Inverter stations convert the DC energy to AC energy, which can be dispatched to the transmission system. Inverter stations are typically comprised of one or more inverter modules with a rated power of up to 2 MW each, a unit transformer, and voltage switch gear. The unit transformer and voltage switch gear are housed in steel enclosures, while the inverter module(s) are housed in cabinets. Depending on the supplier selected, the inverter station may lie within an enclosed or canopied metal structure, typically on a skid or concrete-mounted pad.

2.2.3 Energy Storage System

The Project may include one or more ESSs, located at or near a substation/switchyard (onsite or shared) and/or at the inverter stations, but possibly elsewhere onsite. Such large-scale ESSs would be up to 2,000 MWh in capacity and occupy up to 50 acres. ESSs consist of modular and scalable battery packs and battery control systems that conform to U.S. national safety standards. The ESS modules, which could include commercially available lithium or flow batteries, typically consist of International Organization for Standardization (ISO) standard containers (40 feet long by 8 feet wide by 8 feet high) housed in pad- or post-mounted, stackable metal structures but may also be housed in dedicated building(s) in compliance with applicable regulations. The maximum height of the structure is not expected to exceed 25 feet. The actual dimensions and number of energy storage modules and structures would vary depending on the application, supplier, and configuration chosen, as well as on offtaker/power and/or purchase agreement requirements and on County building standards.

2.2.4 Substation

Output from the inverter stations would be transferred via electrical conduits and electrical conductor wires to one or more onsite substation(s) or switchyard(s) (collectively referred to as a substation herein). Each substation may contain several components, including auxiliary power transformers, distribution cabinets, revenue metering systems,

[1] Including but not limited to concentrated photovoltaic technology



a microwave transmission tower, and voltage switch gear. Each substation would occupy an area of approximately 5 acres, secured separately by an additional chain-link fence, and typically located along the perimeter of the Project. The final location(s) would be determined before issuance of building permits.

Substations typically include a small control building (roughly 500 square feet) standing 10 feet tall. The building would either be prefabricated concrete or steel housing with rooms for the voltage switch gear and metering equipment, a room for the station supply transformer, and a separate control technology room within which the main computer, intrusion detection system, and main distribution equipment would be housed. Components of this building (e.g., control technology room and intrusion detection system) may instead be located at the O&M building(s) below.

2.2.5 Gen-tie Line

Power would be transmitted from the Project's substation(s) to SCE's Windhub Substation via an up to 230 kV overhead and/or underground gen-tie line. A franchise and/or encroachment agreement along Kern County and California City roads may ultimately be required for portions of the gen-tie.

2.2.6 Water Usage

Water demand for panel washing and O&M use is not expected to exceed 100 acre-feet per year (afy). Water usage during construction, primarily for dust-suppression purposes, is not expected to exceed 900 acre-feet (af). Water is anticipated to be obtained from onsite wells or delivered via truck or pipeline from an offsite source(s). A small water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing.

2.2.7 Water Storage Tank(s)

One or more aboveground water storage tanks with a total capacity of up to 80,000 gallons (greater if required by local regulations) may be placed on-site near the O&M building(s). The storage tank(s) near the O&M building(s) would have appropriate fire department connections to be used for fire suppression.

2.2.8 Operations and Maintenance Building

The Project may include an O&M building of approximately 40 feet long by 80 feet wide with associated onsite parking. The O&M building would be steel framed with metal siding and roof panels. The O&M building may include the following:

1. Office
2. Repair building/parts storage
3. Control room
4. Restroom
5. Septic tank and leach field

Roads, driveways, and parking lot entrances would be constructed in accordance with Kern County and California City improvement standards. Parking spaces and walkways would be constructed in conformance with all California accessibility regulations.



2.2.9 Project Site Security and Fencing

The Project site would be enclosed within a chain link fence with barbed wire measuring up to 8 feet above finished grade. An intrusion alarm system would be integrated into the perimeter fence, with intrusion detection cabinets placed every 1,500 feet along the perimeter fence. An intrusion control unit or similar technology may be installed in the substation control room or at the O&M building. Additionally, the Project may include additional security measures including, but not limited to, low-voltage electrified fences with reflective warning reflective signage, controlled access points, security alarms, security camera systems, and security guard vehicle patrols to deter trespassing and unauthorized activities.

Gates would be maintained at the main entrances to the Project to restrict access. Project access would be provided to offsite emergency responders in the event of an after-hours emergency. Enclosure gates would be manually operated with a key provided in an identified key box location.

2.2.10 Project Lighting

Project lighting would be directed away from public rights-of-way and would be minimal. Lighting may include motion sensor lights for added security purposes. Lighting would be of the lowest intensity in compliance with any applicable regulations, measured at the property line after dark.

2.3 ANNUAL PRODUCTION

The Project would generate and store electrical power during daylight hours. Peak electricity demand in California corresponds with air conditioning use on summer afternoons when ambient temperatures are high. The Project's peak generating capacity corresponds to this time period. There is no generating capacity between sunset and sunrise due to the lack of solar energy, though power may be released from the ESS.

The Project would have a nominal output capacity of up to 750 MW and 2,000 MWh of storage capacity, sufficient to power roughly 500,000 homes and displacing 1,500,000 tons of carbon dioxide equivalent (CO_2e) per year when compared to a gas- fired power plant or 3,000,000 tons when compared to a coal-fired power plant.

2.4 CONSTRUCTION ACTIVITIES

Site preparation, construction, testing, and commercial operation, is expected to commence as early as Q4 2021 and would extend for 18 to 24 months.

Construction would include the following:

- site preparation
- grading and earthwork
- concrete foundations
- structural steel work
- electrical/instrumentation work
- collector line installation
- architecture and landscaping



No roads would be affected except during construction. Construction traffic would access the site from Highway 58, Altus Avenue, Silver Queen Road, and 50th Street. Up to 1,000 workers per day would access the site during peak construction periods.

Heavy construction would occur between 6:00 AM and 5:00 PM, Monday through Friday. Additional hours may be necessary to make up schedule deficiencies or to complete critical construction activities. Some activities may continue 24 hours per day, seven days per week. Low-level noise activities may occur between 10:00 PM and 7:00 AM. Nighttime activities could include, but are not limited to, refueling equipment, staging materials, quality assurance and control, and commissioning.

Truck deliveries would normally occur during daylight. However, there would be offloading and/or transporting to the Project area on weekends and during evenings.

Earth-moving is expected to be limited to the construction of the access roads, O&M building, substation, ESS(s), and any stormwater protection or storage (detention) facilities. Final grading may include revegetation with low growing grass or applying earth-binding materials to disturbed areas.

2.5 WORK FORCE

Once the Project is constructed, maintenance would generally be limited to workers accomplishing the following:

1. Cleaning of PV panels
2. Monitoring electricity generation
3. Providing site security
4. Facility maintenance – replacing or repairing inverters, wiring, and PV modules

The project would require up to 20 full-time O&M employees. If the project uses shared O&M, substation, ESS, and/or transmission facilities with any future projects share personnel would reduce O&M staff.

The facility would operate seven days a week, 24 hours a day, generating electricity during normal daylight hours when the solar energy is available. Maintenance activities may occur seven days a week, 24 hours a day to ensure PV panel output when solar energy is available.

2.6 PROJECT FEATURES AND BEST MANAGEMENT PRACTICES

The following sections describe standard Project features and best management practices that would be applied during construction and long-term operation of the Project to maintain safety and minimize or avoid environmental impact.

2.6.1 Waste and Hazardous Materials Management

The Project would have minimal levels of materials onsite that have been defined as hazardous under 40 Code of Federal Regulations (CFR), Part 261. The following materials are expected to be used during the construction, operation, and long- term maintenance of the Project:

- Insulating oil: used for electrical equipment



- Lubricating oil: used for maintenance vehicles
- Various solvents and detergents: equipment cleaning
- Gasoline: used for maintenance vehicles

Hazardous materials and wastes would be managed, used, handled, stored, and transported in accordance with applicable local and state regulations. All hazardous wastes would be maintained at quantities below the threshold requiring a Hazardous Material Management Program (HMMP): one 55-gallon drum. Though not expected, should any onsite storage of hazardous materials exceed one 55-gallon drum, an HMMP would be prepared and implemented.

2.6.2 Spill Prevention and Containment

Less than 55 gallons of hazardous materials would be stored onsite. Spill prevention and containment for construction and operation of the Project would adhere to the Environmental Protection Agency's guidance on Spill Prevention Control and Countermeasures.

2.6.3 Wastewater/Septic System

A standard onsite septic tank and leach field may be used at the O&M building to dispose sanitary wastewater and would be designed to meet O&M guidelines required by local laws, ordinances, regulations, and standards.

2.6.4 Inert Solids

Inert solid wastes resulting from construction activities may include recyclable items such as paper, cardboard, solid concrete and block, metals, wire, glass, type 1-4 plastics, drywall, wood, and lubricating oils. Non-recyclable items include insulation, other plastics, food waste, vinyl flooring and base, carpeting, paint containers, packing materials, and other construction wastes. A construction waste management plan would be prepared for review by the County and California City. Consistent with local regulations and the California Green Building Code, the plan would provide for diversion of a minimum of 50 percent of construction waste from landfill.

Chemical storage tanks (if any) would be designed and installed to meet applicable local and state regulations. Any wastes classified as hazardous, such as solvents, degreasing agents, concrete curing compounds, paints, adhesives, chemicals, or chemical containers, would be stored in an approved storage facility/shed/structure and disposed of as required by local and state regulations. Material quantities of hazardous wastes are not expected.

2.6.5 Health and Safety

Safety precautions and emergency systems would be implemented as part of the design and construction of the Project to ensure safe and reliable operation. Administrative controls would include classroom and hands-on training in O&M procedures, general safety items, and a planned maintenance program. These controls would work with the system design and monitoring features to enhance safety and reliability.

The Project would have an emergency response plan to address potential emergencies including chemical releases, fires, and injuries. All employees would be provided with communication devices, cell phones, or walkie-talkies to provide aid in the event of an emergency.



3.0 TRANSPORTATION SETTING

This section describes the traffic and transportation conditions in the vicinity of the Project site, including the operating condition of the roadways (streets and highways) that could be affected by the Project.

3.1 EXISTING ROADWAY SYSTEM

SR 58 is a four-lane divided highway and runs in the east-west direction through the project site. SR 58 provides regional access to Bakersfield to the west and Barstow to the east. Access to the project site would be from SR 58.

SR 14 is a four-lane divided highway west of the Project site. For regional travel, residents of California City and other nearby communities rely primarily on SR 14, which carries traffic south to Lancaster and other major routes. SR 14 connects to SR 58 and SR 138 before reaching Interstate 5 (I-5) near Santa Clarita; I-5 provides access to Los Angeles.

3.2 EXISTING TRAFFIC VOLUMES

This section summarizes existing traffic volumes on roadways that could be affected by the Project. All data were obtained from the California Department of Transportation (Caltrans) Traffic Census Program for the most recent available year (Caltrans 2017).

Segment Volumes

Table 2 summarizes the 24-hour annual average daily traffic (AADT) volumes, which is the total volume of vehicle traffic for the year divided by 365 days, at five study locations along SR 58 and SR 14. In addition, Table 2 summarizes the peak month average daily traffic (ADT) volumes, which is the average daily traffic for the month of heaviest traffic flow. The five study locations include the following roadway segments:

- SR 58 at Randsburg Cut-off Road,
- SR 58 at junction SR 14,
- SR 58 at Boron Avenue,
- SR 14 at junction SR 58, and
- SR 14 at Silver Queen Road.

Table 2. Annual ADT Volumes on Potentially Affected Roadway Segments

Roadway Segment	AADT (Peak Month ADT)
SR 58 MP 107.465 - Randsburg Cut-off Road	19,600 (20,700)
SR 58 MP 111.130 - junction SR 14	14,000 (15,900)
SR 58 MP 142.88 - Boron Avenue	15,350 (16,100)
SR 14 MP 16.070 - junction SR 58	15,700 (16,800)
SR 14 MP 12.147 - Silver Queen Road	20,200 (21,100)

Source: 2017 Traffic Volumes, Caltrans Traffic Census Program.
Notes:
ADT = average daily traffic
AADT = annual average daily traffic
MP = Mile Post
SR = State Route

Peak Hour Segment Volumes

Table 3 summarizes the peak hour volumes (PHV), which is the maximum number of vehicles that travel in a one-way direction along the roadway segment during a one-hour period. Accordingly, Table 3 shows PHV for the five study locations on SR 58 and SR 14, as well as the "K" and "D" factors. The "K" factor represents the percentage of the annual ADT for both directions of travel during the peak hour. The "D" factor represents the percentage of the peak hour traffic in the peak direction.

Table 3. Peak Hour Traffic Volumes on Potentially Affected Roadway Segments

Roadway Segment	PHV	%K	%D
SR 58 MP 107.465 - Randsburg Cut-off Road	1,060 (WB PM)	8.90	60.53
SR 58 MP 111.130 - junction SR 14	770 (WB PM)	8.39	65.48
SR 58 MP 142.88 - Boron Avenue	850 (EB PM)	8.43	65.39
SR 14 MP 16.070 - junction SR 58	1,100 (SB PM)	10.04	69.82
SR 14 MP 12.147 - Silver Queen Road	1,130 (NB PM)	8.65	64.72

Source: 2017 Peak Hour Volume Data, Caltrans Traffic Census Program.
Notes:
EB = eastbound
MP = Mile Post
NB = northbound
PHV = peak hour volume
SB = southbound
SR = State Route
WB = westbound

Level of Service Methodology

Level of service (LOS) is a qualitative index of the performance of an element of a transportation system. LOS is a rating scale from A to F, with A indicating no congestion and F indicating severe congestion and delays.

The Highway Capacity Manual, Sixth Edition (HCM 6), a standard reference published by the Transportation Research Board, contains specific criteria and methods for assessing LOS. The LOS for multilane highways is calculated based on traffic density and the speed travelled.

Significance Criteria

Kern County uses a threshold of LOS D for the minimum acceptable operation of its transportation facilities. Facilities under the jurisdiction of Caltrans include freeway segments, ramps, ramp terminals, and arterials. Although Caltrans has not designated a LOS standard, Caltrans' Guide for the Preparation of Traffic Impact Studies (December 2002) indicates attempts to maintain the LOS of a state highway facility between the LOS "C/D" threshold (Caltrans 2002).

For the purpose of this analysis, a LOS threshold of C was used to determine the significance of project impacts on traffic and transportation. The project would be considered to have a significant impact on traffic and transportation if it would cause the operation of a transportation facility to worsen from LOS C or better to LOS D or worse.

4.0 EXISTING TRAFFIC CONDITIONS

This section assesses traffic conditions in the Project area without the Project.

4.1 LEVEL OF SERVICE

Existing traffic conditions for the five roadway segments shown in Table 2 were evaluated based on LOS criteria and the HCM 6 Generalized Daily Service Volume methodology for estimating LOS. The roadway capacities were estimated and compared to observed traffic volumes.

Table 4 outlines the maximum daily traffic volumes that would be allowed for highway segments to maintain an acceptable LOS C. As shown, all the multilane highway segments currently operate at an acceptable LOS of C or better. The LOS is calculated using the HCM 6 Generalized Daily Service Volume Methodology as well as using HCS software. Accordingly, all five roadway segments meet the Caltrans target threshold of LOS C under existing conditions.

Table 4. Existing Level of Service of Study Segments

Roadway Segment	Facility Type	Allowable Daily Service Volume (LOS C)	ADT	LOS
SR 58 MP 107.465 – Randsburg Cut-off Road	Multilane Highway	42,700	19,600	B
SR 58 MP 111.130 – junction SR 14	Multilane Highway	41,900	14,000	A
SR 58 MP 142.88 – Boron Avenue	Multilane Highway	41,700	15,350	A
SR 14 MP 16.070 – junction SR 58	Multilane Highway	32,800	15,700	B
SR 14 MP 12.147 – Silver Queen Road	Multilane Highway	41,100	20,200	B

Notes:
The Allowable Daily Service Volume was calculated for each location based on the unique peaking factors obtained from Caltrans.
ADT = average daily traffic
LOS = level of service
MP = Mile Post
SR = State Route

5.0 TRIP GENERATION

This section discusses trip generation and truck routing for the Project.

5.1 CONSTRUCTION TRIP GENERATION

Trip generation is defined as the number of vehicle trips produced by a particular type of land use or project. A trip is defined as vehicle movement in one direction. The total number of trips generated by each land use or project includes both inbound and outbound trips. During construction, trucks would be routed on SR 58 and SR 14 depending on the type of construction activity. Upon exiting SR 58, construction traffic would access the Project site from Altus Avenue, Silver Queen Road, and 50th Street.

The Project would cover approximately 8,372 acres. Construction of the Project is expected to be completed in the following six phases:

- Phase 1: Site Preparation
- Phase 2: Grading and Earthwork
- Phase 3: Concrete Foundations
- Phase 4: Structural Steel Work
- Phase 5: Electrical/Instrumentation Work
- Phase 6: Collector Line Installation

The analysis of construction trip generation was prepared based on the average daily volume of construction traffic. The time period with the highest construction trip generation was found to be during the overlap of phases 2, 3, 4 and 5[2]. The highest construction trip generation for the Project is shown in Table 5. Appendix A shows the trip generation estimate in relation to the Project's construction schedule.

As shown, the Project is expected to generate a total passenger car equivalent (PCE) volume of approximately 4,015 ADT, which includes 3,574 passenger car trips and 204 heavy vehicle trips. Heavy vehicles trips are converted to PCE.

Table 5. Highest Construction Trip Generation

	Acreage	ADT		
		Passenger Cars	Heavy Vehicles[1]	Total Trips[2]
Bellefield Total	8,372	3,574	204	4,015

Notes:

1. Heavy vehicles consist of light-, medium-, and heavy-duty trucks, including heavy-duty diesel construction trucks.

2. PCE factor = 2.16; PCE = passenger car equivalent. Heavy vehicles are approximated as more than one passenger car due to their physical and mechanical characteristics, such as slower acceleration and stopping.

ADT = average daily traffic

[2] Based upon a synthesis of the construction schedule for the Bellefield Solar Project and trip generation rates based on other 50LW 8me LLC solar farm projects.

5.2 OPERATIONS TRIP GENERATION

Once constructed, the solar facility would have up to 20 full-time employees, and the majority of the staff would work during the day shift. To be conservative, if all employees work during the day shift, there would be approximately 50 trips per day for the full facility based on an average trip rate of 2.5 trips per employee[3], which is not perceptible and therefore is considered less than significant and has no impact to the surrounding roadway network.

[3] The average trip rate of 2.5 trips per employee assumes that employee work during the day shift is 2 trips (in and out). Some employees may travel an additional trip in between (e.g., lunch, errand, etc.), therefore an average of 2.5 trip per employee is assumed.



6.0 EXISTING PLUS CONSTRUCTION CONDITIONS

This section describes the potential impacts of the Project on traffic and transportation during construction.

6.1 LEVEL OF SERVICE

Similar to the analysis of existing traffic conditions, the existing plus construction conditions for the roadway segments were evaluated based on LOS criteria and the HCM 6 Generalized Daily Service Volume methodology for estimating LOS. The roadway capacities were estimated and compared to the existing plus construction traffic volumes.

For this analysis, to evaluate the most conservative scenario for each roadway segment, 100 percent of the construction trips were assigned to each roadway segment individually as a worst-case scenario.

For all the multilane highway segments, given the "K" and "D" factors previously discussed, the maximum daily traffic volume accommodated by the roadway to maintain the target LOS is shown in Table 6. All the multilane highway segments, with the most conservative scenario construction traffic added, operate at an acceptable LOS C or better.

Accordingly, with the addition of construction traffic on the study area roadway segments, the ADT would be below the LOS C thresholds, which indicates that there would be no significant Project impact on the roadway segments. Since the capacity analysis indicates that there would be no significant impacts on roadway segments based on the conservative assumption regarding construction trips, the impact of construction trips would be less than significant.

Table 6. Existing plus Construction Traffic LOS of Study Segments

Roadway Segment	Facility Type	Allowable Daily Service Volume (LOS C)	ADT	LOS
SR 58 MP 107.465 – Randsburg Cut-off Road	Multilane Highway	42,700	23,615	B
SR 58 MP 111.130 – junction SR 14	Multilane Highway	41,900	18,015	A
SR 58 MP 142.88 – Boron Avenue	Multilane Highway	41,700	19,365	A
SR 14 MP 16.070 – junction SR 58	Multilane Highway	32,800	19,715	B
SR 14 MP 12.147 – Silver Queen Road	Multilane Highway	41,100	24,215	B

Notes:
ADT = average daily traffic
LOS = level of service
MP = Mile Post
SR = State Route
The Allowable Daily Service Volume was calculated for each location based on the unique peak factors obtained from Caltrans.

7.0 CONCLUSIONS

Under existing traffic conditions, all multilane highway study segments currently operate at LOS A or B, which is above the target threshold of LOS C. As described in the Project Description, construction equipment and vehicles would access the Project site via SR 58, Altus Avenue, Silver Queen Road, and 50th Street. Accordingly, the most conservative overall daily trip generation (ADT with PCE) during construction is estimated to be 4,015 trips using a PCE factor 2.16 (as further described in Table 5).

During construction, multilane highway study segments would continue to operate at better than the acceptable LOS C threshold. With the addition of construction traffic on the study area roadway segments, the ADT would be below the LOS C thresholds, which indicates that there would be no significant Project impact on the roadway segments. Since the capacity analysis indicates that there would be no significant impacts on roadway segments based on the conservative assumption regarding construction trips, the impact of construction trips would be less than significant. Construction of the Project is not expected to cause a significant impact to the surrounding transportation network.

After the construction, the solar facility would have up to 20 full-time employees that would generate approximately 50 trips per day which is not perceptible and therefore is considered less than significant and has no impact to the surrounding roadway network.

8.0 REFERENCES

Caltrans. 2002. Caltrans' Guide for the Preparation of Traffic Impact Studies.

Caltrans. 2017. 2017 Traffic Volumes on California State Highways. Available at: https://dot.ca.gov/programs/traffic-operations/census/traffic-volumes/2017/route-11-15. Accessed on September 10, 2019.

Highway Capacity Manual. Sixth Edition. 2016. Transportation Research Board, National Research Council.



Appendix A TRIP GENERATION

Bellefield - Overall ADT with PCE trips by Phase

			2021							2022										2023				
Phase	Description	Work Days	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Site Preparation	214	393	393	393	393	393															
2	Grading and Earthwork	214			1,159	1,159	1,159	1,159	1,159													
3,4,5	Foundations, Steel, Electrical	426						2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	
6	Collector line installation	102																274	274	274	274	274
	Total	956	393	393	1,552	1,552	1,552	4,015	4,015	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	3,130	3,130	3,130	3,130	274

Bellefield - Heavy Vehicle ADT by Phase

			2021							2022										2023				
Phase	Description	Work Days	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Site Preparation	214	64	64	64	64	64															
2	Grading and Earthwork	214			64	64	64	64	64													
3,4,5	Foundations, Steel, Electrical	426						140	140	140	140	140	140	140	140	140	140	140	140	140	140	
6	Collector line installation	102																	38	38	38	38
	Total	956	64	64	128	128	128	204	204	140	140	140	140	140	140	140	140	140	178	178	178	38

Bellefield - Passenger Car ADT by Phase

			2021							2022										2023				
Phase	Description	Work Days	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	Site Preparation	214	255	255	255	255	255															
2	Grading and Earthwork	214			1,021	1,021	1,021	1,021	1,021													
3,4,5	Foundations, Steel, Electrical	426						2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	
6	Collector line installation	102																	191	191	191	191
	Total	956	255	255	1,276	1,276	1,276	3,574	3,574	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,553	2,744	2,744	2,744	191

L.2 Oak Creek Road Evaluation and Site Access

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Stantec

Memo

To:	Erec Devost 8minute Solar Energy 250 Sutter Street, Suite 600 San Francisco CA 94108	From:	Daryl Zerfass / Cathy Lawrence 38 Technology Drive Irvine CA 92618
File:	185704636	Date:	June 24, 2021

Reference: Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation

Traffic impacts along State Route 14 (SR 14) and State Route 58 (SR 58) for the Bellefield Solar Project (Project) were previously analyzed in a separate report[1] prepared by Stantec in June 2020. Construction of the overhead and/or underground gen-tie line for the Project is expected to occur along Oak Creek Road between the Windhub Substation and SR 14. Also, construction traffic will utilize the SR 58 ramps at Altus Avenue for access to the primary construction areas east of SR 58. This memo summarizes the potential construction-related effects on traffic circulation when sections of Oak Creek Road are temporarily closed to either one lane or fully closed for construction of the gen-tie line and addresses the SR 58/Altus Avenue ramps.

Existing Conditions

Oak Creek Road is a two-lane undivided roadway running generally east-west between Tehachapi Willow Springs Road in unincorporated Kern County and K Street in Mojave. The road is approximately 10.75 miles long with a 55-mph speed limit. A stop sign is located on the westbound Oak Creek Road leg of the T-intersection at Tehachapi Willow Springs Road, and a four-way stop is provided at the intersection of Holt Avenue and Oak Creek Road. The remaining 10-mile section west of Holt Avenue is uncontrolled. Class II bike lanes are striped on the section of Oak Creek Road east of Koch Street. West of Koch Street the roadway has dirt shoulders.

A small single-family residential development exists adjacent to Oak Creek Road approximately one mile west of SR 14. Farther west of this residential development there are no cross streets intersecting Oak Creek Road between Koch Street and Tehachapi Willow Springs Road; however, dirt roads provide access to the many wind turbines along this section. In addition, the CalPortland plant and a facility for the wind farms obtain access from Oak Creek Road just west of the Windhub Substation.

Existing traffic volumes on Oak Creek Road are relatively low and were counted east of the Windhub Substation in May 2021. The daily volume is approximately 1,600 vehicles with a peak hour volume of approximately 130 vehicles during each of the AM, mid-day, and PM peak hours. The volumes are summarized in **Table 1** (attached).

One-Lane Closure

During the majority of construction of the gen-tie line, one lane of Oak Creek Road would be closed for a period of 12 to 18 months. Traffic would need to be controlled by flaggers through the one-lane section allowing convoys of motorists to proceed one direction at a time. The potential effect on traffic during the one-lane closure phase of construction was evaluated.

[1] Bellefield Solar Project Traffic Impact Analysis, Stantec, June 24, 2020.

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

For this analysis, it was assumed that the headway (gap) between vehicles would be approximately 5 seconds, which corresponds to a capacity of 720 vehicles per hour (vph), while traveling on the one-lane segment. Based on the existing traffic volumes, the volume/capacity (V/C) ratio for the one-lane construction zone would be 0.18, which equates to level of service A (LOS A).

For this evaluation it was also assumed that the one-lane closure would occur in one-mile segments. Anticipating a construction zone speed limit of 35 mph, it would take approximately 103 seconds for a vehicle to travel through the one-lane construction zone for one mile. It was estimated that convoys of motorists would be waved through the construction zone in approximately two-minute intervals for alternating directions. During the peak five minutes of the peak hours, the arrival rate of vehicles is assumed to be double the average arrival rate. Random vehicle arrivals were assumed for this analysis with an average arrival rate of 1.6 to 2.8 vehicles per minute during the peak five minutes. Given the arrival rate and the length of one-mile closure section, queues of three to six vehicles would occur during the peak five minutes, and average delays of one to two minutes per vehicle would be expected. Delays of this magnitude are common for construction zones and would not be considered significant.

Table 2 (attached) summarizes the peak hour volumes, average arrival volumes during the peak five minutes of the peak hours, and the queues and average delay expected during the one-lane closure phase of construction along Oak Creek Road.

Full Closure

During connection of the gen-tie line to the Windhub Substation, Oak Creek Road would be completely closed adjacent to the Windhub Substation for a period of approximately four to six weeks.

Traffic on Oak Creek Road consists of through traffic between the Tehachapi and Mojave areas, as well as local traffic to the CalPortland and wind farm operator's facilities. The CalPortland plant is presumed to generate truck traffic that utilizes Oak Creek Road to access SR 14. The wind farm facility is presumed to utilize Oak Creek Road for employee access and trips between the facility and the nearby dirt roads leading to the wind turbines. These operators would be affected by the full-closure phase of construction along Oak Creek Road. Alternative routes have been identified and evaluated compared with the direct route via Oak Creek Road.

Through Traffic

Through traffic that uses Oak Creek Road between the Tehachapi and Mojave areas would use SR 58 and SR 58 Business or SR 14 to travel between the two areas rather than use Oak Creek Road during the full closure. The freeway route is a slightly shorter distance and also tends to be four to six minutes faster overall. Therefore, the closure of Oak Creek Road during construction is anticipated to have a negligible effect on through traffic that would detour to the freeway. Furthermore, the effect on the freeway of the small amount of detour traffic added is negligible.

Local Traffic

Traffic between the CalPortland plant and SR 14 to the north would avoid the closed section of Oak Creek Road by traveling to SR 58 via Tehachapi Willow Springs Road/Cameron Canyon Road (referred to herein as Route 1) or via Tehachapi Willow Springs Road/Tehachapi Boulevard (Route 2). Route 1 is a shorter distance than along Route 2; however, the roadway on Cameron Canyon Road is narrower and more curved than the Tehachapi Willow Springs Road/Tehachapi Boulevard route and may not be suitable for heavy vehicles. These routes would add approximately 4 to 15 minutes to the travel time for trips to/from the CalPortland site.

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

The CalPortland plant traffic to and from SR 58 east of Mojave would also use the Route 1 or Route 2 detour to SR 58, and would experience 11 to 18 minutes of additional travel time. Traffic to the south on SR 14 would travel along Tehachapi Willow Springs Road to Backus Road (Route 3). This would add approximately 2 to 3 minutes to the CalPortland traffic travel times.

For the wind farm facility traffic with trip origins and destinations to the east via SR 14 and SR 58, delay would be similar in magnitude to that noted for the CalPortland plant above. For local trips heading east of the Windhub Substation to access the wind turbine areas, vehicles could potentially use the dirt roads on the wind farm property to bypass the closed section of Oak Creek Road adjacent to the Windhub Substation. These vehicles are expected to experience minor delay as they navigate the dirt roads.

Table 3 (attached) summarizes the alternative routes expected to be used and the distances and average times to travel the alternative routes.

SR 58 Ramps at Altus Avenue

Construction traffic access to the main construction areas east of SR 58 will primarily occur at the SR 58/Altus Avenue interchange, which is located at approximately SR 58 post-mile (PM) 116, east of the SR 14 interchange and west of the Edwards Air Force Base/Rosamond Boulevard interchange. As discussed in the project's June 2020 traffic study referenced above, the construction period with the highest volume of construction traffic would occur during the overlap of construction phases 2, 3, 4, and 5. During that period, the project is estimated to generate a maximum of 3,574 average daily passenger car trips and 204 average daily heavy vehicle trips, for a total of 4,015 average daily trips (ADT) based on a passenger car equivalent (PCE) factor of 2.16. Approximately 2,008 trips would be inbound to the project site and approximately 2,008 trips would be outbound from the project site each day.

Analysis of the SR 58 mainline is provided in the project's June 2020 traffic study, which assumed a worst-case scenario of 100 percent of construction traffic on any given highway segment since the precise origin of construction related traffic is not known. The analysis determined that each highway segment would continue to operate at LOS B or better with the addition of construction traffic. At the Altus Avenue interchange ramps, existing condition (2018) traffic volumes[2] are as follows:

- Eastbound off to Business 58-East End (Altus Avenue) – 82 ADT
- Westbound on to Business 58-East End (Altus Avenue) – 96 ADT
- Westbound off to Business 58-East End (Altus Avenue) – 1,619 ADT
- Eastbound on to Business 58-East End (Altus Avenue) – 1,139 ADT

Assuming a worst-case scenario where 100 percent of the construction traffic utilizes the westbound off-ramp and the eastbound on-ramp for access to SR 58, daily traffic volumes for the ramps would range from 3,147 ADT to 3,627 ADT for the on-ramp and off-ramp, respectively. Construction traffic would be distributed throughout the day, with the highest concentrations occurring outside the typical peak hours with construction starting in the early morning hours and ending before the typical PM peak hour.

[2] Caltrans Traffic Census Program, https://dot.ca.gov/programs/traffic-operations/census, 2019-District9-Ramp-ADT.xlxs, accessed June 2, 2021.

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

Each ramp terminates at Altus Avenue as a single lane controlled by a stop sign, and Altus Avenue consists of two-through lanes in each direction with left-turn pockets in a painted median. The westbound off-ramp is approximately 1,600 feet in length and the eastbound off-ramp is approximately 2,100 feet in length.

The expected daily ramp volumes of approximately 3,147 ADT to 3,627 ADT for worst-case conditions are lower than the capacity of a typical single-lane ramp and the ramps would operate without any anticipated operational deficiencies. With typical peak hour volumes representing approximately 8-10 percent of the ADT, queue lengths are not expected to be excessive and would not affect the SR 58 mainline.

Construction Traffic Routes

The Project site is spread out over several locations on both sides of SR 58 and on both sides of the Burlington Northern and Santa Fe (BNSF) Railway tracks south of SR 58. SR 58 and the BNSF Railway create barriers which require different access routes for construction traffic. Access to each construction location is discussed in the following sections.

Locations East and North of SR 58

The main construction area is located east and north of SR 58, and construction traffic would use Altus Avenue east of SR 58 to access the site. The paved section of Altus Avenue currently ends approximately 2,640 feet east of SR 58. The road would be improved east into the site to accommodate construction traffic. Potential effects from construction traffic on the Altus Avenue/SR 58 interchange are discussed above.

Location West of SR 58

A small piece of the Project site is located between Dominion Street and SR 58 north of Arroyo Avenue. Construction traffic would access this area from SR 58 via the Altus Avenue interchange and travel along Proteus Road north of Altus Avenue. This road is a long dead-end street which ends at the railroad tracks. The Altus Avenue/SR 58 interchange volumes discussed above include construction traffic to this piece of the Project site.

Location South of SR 58 and North of BNSF Railway Tracks

The part of the Project site located between SR 58 and the BNSF Railway tracks would be accessed from the main construction site north of SR 58 via 30th Street or 70th Street. These are existing dirt roads south of SR 58 that form intersections with this segment of the highway.

Location South of BNSF Railway Tracks

No paved roads access the small portion of the Project located south of the BNSF Railway tracks and east of Sierra Highway/SR 14, and the tracks prevent access to the site from the north. Therefore, access to this portion of the Project would be provided from SR 14 by an intersection with Purdy Avenue. From Purdy Avenue east of SR 14, construction traffic would travel south along United Street then east on Silver Queen Road. The paved segment of Silver Queen Road ends approximately 3,400 feet east of United Street. Construction traffic would continue east along Silver Queen Road to access the site. These are not through streets and mainly provide access to the industrial uses, solar facilities, and scattered residences in the area; therefore, the volumes are low and construction traffic would have no measurable effect on these streets.

The Sanborn Solar project is currently under construction and would be complete by the beginning of construction of the Project. No cumulative impacts are anticipated from the Sanborn Solar project.

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

Construction Traffic Mitigation

As the main access point for the Project, all deliveries would go to the main Altus Avenue staging area. The Project would improve Altus Avenue east of SR 58. With the exception of construction traffic for the gen-tie line along Oak Creek Road, construction traffic would not affect circulation in Mojave.

To minimize potential effects from construction traffic on the roadway network, a construction traffic management plan shall be prepared and implemented. The construction traffic management plan would include the following:

- Temporary traffic control devices in accordance with Caltrans California Manual on Uniform Traffic Control Devices (CA MUTCD) and notification to the Kern County Public Works Department to identify locations and sections along the gen-tie lines where construction is on-going, including:
    - signs warning of slow-moving vehicles
    - signs warning of merging trucks
    - barriers for separating non-construction vehicles from construction activities
    - traffic control flagmen
    - any additional measures required to manage non-construction traffic through construction areas.
- Scheduling of heavy vehicle traffic to the site during non-peak periods when feasible
- Scheduling of work shift changes to avoid the peak periods when feasible
- Encouraging carpooling among construction workers to reduce workers' passenger vehicle trips in the study area
- Coordinating with local emergency response agencies to provide information regarding emergency response vehicle routes affected by construction activities.

Conclusions

Traffic volumes are relatively low on Oak Creek Road daily and during peak periods as shown in the attached traffic count from May 2021. During the one-lane closure phase of construction, traffic is expected to experience minor delays of approximately one to two minutes per vehicle along Oak Creek Road east of the Windhub Substation.

Through traffic is expected to experience little to no delay using SR 58 as an alternative route to avoid the full closure section of Oak Creek Road. CalPortland and the wind farm traffic would experience additional travel times of approximately 2 to 18 minutes to access their sites using alternative travel routes to avoid the closed section of Oak Creek Road. Local wind farm traffic between their site and the nearby wind turbine areas would presumably experience less delay by using the local roads on the wind farm property. These delays would be temporary during the four- to six-week period of full closure. The amount of traffic detoured is not expected to have an adverse effect on the alternate routes.

At the SR 58/Altus Avenue interchange, where construction traffic would primarily access the State highway system for the main construction areas east of SR 58, existing ramp volumes range from a low of 82 ADT to a high of 1,619 ADT. A worst-case scenario where 100 percent of project construction traffic utilizes the most heavily utilized ramps would result in daily ramp volumes of approximately 3,147 ADT to 3,627 ADT, which is lower than the capacity of a typical single-lane ramp and the ramps would operate without any anticipated

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

operational deficiencies. With typical peak hour volumes representing approximately 8-10 percent of the ADT, queue lengths are not expected to be excessive and would not affect the SR 58 mainline.

Prior to the start of construction, the project would prepare a phased construction Traffic Management Plan (TMP) based on the specific construction routes and activities established at that time.

Stantec Consulting Services Inc.

Daryl Zerfass PE, PTP
Principal, Transportation Planning and Traffic Engineering

Phone: 949 923 6058
Daryl.Zerfass@stantec.com

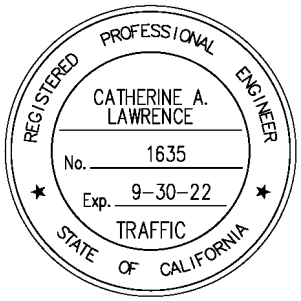
Cathy Lawrence PE
Transportation Engineer

949 923 6064
Cathy.Lawrence@stantec.com

Attachment:
Table 1 Oak Creek Road – Existing Volume Summary
Table 2 Oak Creek Road – One-Lane Closure Evaluation Summary
Table 3 Oak Creek Road – Full Closure Alternative Routes Comparison Summary

c. Caitlin Barns, Stantec





Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

Table 1 Oak Creek Road – Existing Volume Summary (Thursday, May 13, 2021)

Location	Hour	EB	WB	Total
Oak Creek Rd east of Windhub Substation				
AM Peak Hour	5 – 6 AM	51	76	127
Mid-Day Peak Hour	3 – 4 PM	53	80	133
PM Peak Hour	4 – 5 PM	57	74	131
Daily	n/a	742	872	1,614

EB = eastbound
WB = westbound

Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

Table 2 Oak Creek Road – One-Lane Closure Evaluation Summary

Time Period	Volume			V/C	Average 5-min Volume (veh)		Peak 5-min Volume (veh)		Peak 5-min Arrival Rate (veh/min)		Queue 2-min Convoy (veh)		Average Delay (min)	
	EB	WB	Total		EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
Oak Creek Rd east of Windhub Substation														
AM Peak Hour	51	76	127	0.18	4	6	8	12	1.6	2.4	3	5	1	2
Mid-Day Peak Hour	53	80	133	0.18	4	7	8	14	1.6	2.8	3	6	1	2
PM Peak Hour	57	74	131	0.18	5	6	10	12	2.0	2.4	4	5	1	2

EB = eastbound
WB = westbound
V/C = volume/capacity
veh= vehicles
min = minutes
vph = vehicles per hour

Assumptions:
One lane capacity = 720 vph
One lane closed in 1-mile sections
35 mph through construction zone
103 seconds to travel 1-mile construction zone
Random vehicle arrivals, 2x average during peak 5 minutes

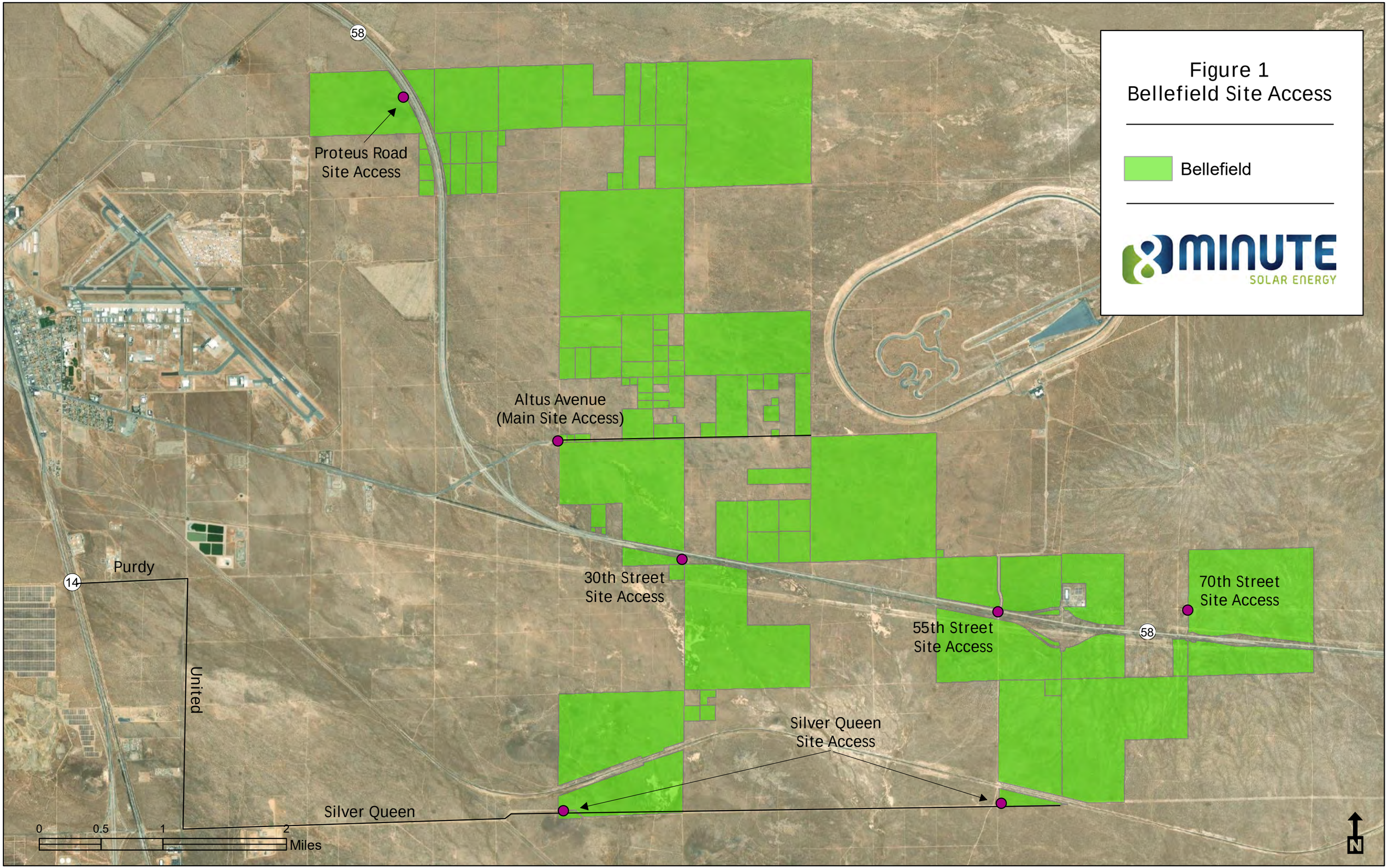
Reference: **Bellefield Solar Project Construction – Oak Creek Road Closures and Altus Avenue Ramp Evaluation**

Table 3 Oak Creek Road – Full Closure Alternative Routes Comparison Summary

Destination		Distance (miles)	Approximate Travel Time (minutes)		Expected Delay (minutes)
Through Traffic					
To/From Tehachapi and Mojave			EB	WB	
	via Oak Creek Rd	21.0	26	24	
	via SR 58/SR 58 Business	20.9	20	20	None[1]
Local Traffic to/from CalPortland and Wind Farm Sites					
North to/from SR 14/SR 58 Interchange			NB	SB	
Existing Route	via Oak Creek Rd/SR 14	10.6	17	13	
Alternative Route 1	via Tehachapi Willow Springs Rd/ Cameron Canyon Rd/SR 58	18.3	21	23	4 – 10
Alternative Route 2	via Tehachapi Willow Springs Rd/ Tehachapi Blvd/SR 58	27.5	27	28	10 – 15
East to/from SR 58/Mojave Barstow Hwy Interchange			EB	WB	
Existing Route	via Oak Creek Rd/SR 14	11.8	15	15	
Alternative Route 1	via Tehachapi Willow Springs Rd/ Cameron Canyon Rd/SR 58	23.4	26	27	11 – 12
Alternative Route 2	via Tehachapi Willow Springs Rd/ Tehachapi Blvd/SR 58	32.6	31	33	16 – 18
South to/from SR 14/Backus Rd Interchange			NB	SB	
Existing Route	via Oak Creek Rd/SR 14	14.6	17	17	
Alternative Route 3	via Tehachapi Willow Springs Rd/ Backus Rd	19.1	20	19	2 – 3

[1] SR 58 route is approximately 4 – 6 minutes faster for through traffic in comparison to Oak Creek Road route.

NB = northbound
SB = southbound
EB = eastbound
WB = westbound



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Appendix M
Water Supply Assessment

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Bellefield Solar Project

Water Supply Assessment

prepared for
50LW 8ME LLC
5455 Wilshire Boulevard, Suite 2010,
Los Angeles, California 90036
Mr. Erec DeVost

prepared by
Rincon Consultants, Inc.
250 East 1st Street, Suite 1400
Los Angeles, California 90012

January 2021

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

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Appendices

Appendix A DWR Guidebook for Implementation of Senate Bill 610

Acronyms and Abbreviations

AFY	acre-feet per year
AC	alternating current
AVEK	Antelope Valley-East Kern Water Agency
CEQA	California Environmental Quality Act
CSD	Community Services District
CUP	Conditional Use Permit
DC	direct current
DI	deionization
DWR	California Department of Water Resources
ESS	Energy Storage System
gpm	gallons per minute
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
kV	kilovolt
mg/L	milligrams per liter
MW	megawatts
O&M	operations and maintenance
PV	photovoltaic
RO	reverse osmosis
RWMG	Regional Water Management Group
SB	Senate Bill
SCE	Southern California Edison
SGMA	Sustainable Groundwater Management Act
SNMP	Salt and Nutrient Management Plan
TDS	total dissolved solids
UWMP	Urban Water Management Plan
WSA	Water Supply Assessment

Definitions

- **Additional Production.** Pumping that does not fall into the other categories and would include production, based on Watermaster approvals for new production, and production by parties to the Judgment in excess of other rights. This Production would be subject to a Replacement Obligation; for such pumping, the producer would need to pay a Replacement Water Assessment. Replacement Water will be purchased by the Watermaster or otherwise provided to satisfy the Replacement Obligation.
- **Amortized**. Averaged over the lifespan of the proposed project.
- **Carry Over Water.** The right to an unused portion of an annual Production Right or a right to Imported Water Return Flows in a year after the year in which the right was originally available.
- **Concentrate.** The brine discharge water stream produced as a byproduct of the desalination and deionization process. Concentrate is too high in total dissolved solids to be used for washing solar photovoltaic panels.
- **Imported Water Return Flows.** Represent water brought into the Basin that provides a net increase in groundwater supply (i.e., does not include consumed or evaporated imported water). Return flows for agriculture were established in the Judgment at 34 percent of imported water use and at 39 percent for municipal and industrial uses.
- **Native Safe Yield.** Naturally occurring Groundwater recharge to the Basin on an average annual basis. Imported Water Return Flows are not included in Native Safe Yield.
- **New Production.** Any Production of Groundwater from the Basin not of right under the Judgment, as of the date of the Judgment.
- **Non-Overlying Production Class**. The rights held by the Parties identified in Exhibit 3 of the Judgment.
- **Production Right.** The portion of the Native Safe Yield assigned to each Party. Production Rights for specific Parties are defined in the Judgment in Exhibit 3 (Non-Overlying Production Rights), Exhibit 4 (Overlying Production Rights), and in Paragraphs 5.1.3, 5.1.4, and 5.1.5 for the Small Pumper Class, Federal Reserved Water Rights, and State of California, respectively.
- **Rampdown.** The period of time for Pre-Rampdown Production to be reduced to the Native Safe Yield in the manner described in the Judgment.
- **Rampdown Production.** The reasonable and beneficial use of groundwater, excluding Imported Water Return Flows, at a time prior to the Judgment, or the Production Right, whichever is greater. During the seven-year Rampdown Period, production is reduced – or ramped down – from the Pre-Rampdown Production Right to the Production Right for certain Parties with Pre-Rampdown Production rights.
- **Replacement Obligation.** The obligation of a Producer to pay for Replacement Water for Production of Groundwater from the Basin in any year in excess of the sum of such Producer's Production Right and Imported Water Return Flows.
- **Replacement Water.** Water purchased by the Watermaster or otherwise provided to satisfy a Replacement Obligation.

- **Replacement Water Assessment.** The amount charged by the Watermaster to pay for all costs incurred by the Watermaster related to Replacement Water.
- **Safe Yield.** The amount of annual extractions of water from the Basin over time equal to the amount of water needed to recharge the Groundwater aquifer and maintain it in equilibrium, plus any temporary surplus. [*City of Los Angeles v. City of San Fernando* (1975) 14 Cal. 3d 199, 278.]
- **Small Pumper Class.** All private (i.e., non-governmental) Persons and entities that own real property within the Basin, as adjudicated, and that have been pumping less than 25 acre-feet per year on their property during any year from 1946 to the present. The Small Pumper Class excludes the defendants in *Wood v. Los Angeles Co. Waterworks Dist. 40, et al*., any Person, firm, trust, corporation, or other entity in which any such defendant has a controlling interest or which is related to or affiliated with any such defendants, and the representatives, heirs, affiliates, successors-in-interest or assigns of any such excluded party. The Small Pumper Class also excludes all Persons and entities that are shareholders in a mutual water company. The Small Pumper Class does not include those who opted out of the Small Pumper Class.
- **Stored Water.** Water held in storage in the Basin as a result of direct spreading or other methods for subsequent withdrawal and use pursuant to an agreement with the Watermaster. It does not include Imported Water Return Flows.

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1 Introduction

In 2001, California adopted Senate Bill (SB) 610 and SB 221, amending California Water Code to require that certain types of development projects provide detailed assessments of water supply availability and reliability to city and county decision-makers prior to project approval. These Water Supply Assessments (WSAs) identify water supply for an identified project over a 20-year projection under varying climactic (drought) conditions. The primary purpose of these requirements is to promote collaborative planning between local water supply and land use decisions.

SB 610 was not originally clear on whether renewable energy developments are subject to SB 610 and require the preparation of a WSA. SB 267 was signed into law on October 8, 2011, amending California's Water Law to revise the definition of "project" specified in SB 610. Under SB 267, wind and photovoltaic projects that consumed less than 75 acre-feet per year (AFY) of water were not considered to be a "project" under SB 610; subsequently, a WSA would not be required for this type of project. The renewable energy exclusions provided by SB 267 expired in January 2017. Since the language of SB 610 remains unclear on whether renewable energy projects meet the definition of a "project," this WSA takes a conservative approach and considers renewable energy projects to be subject to the requirements of SB 610.

Water requirements associated with the Bellefield Solar Project ("project") are described in Section 2.3, *Water Demands*, of this WSA. The project would source water from an on- or off-site groundwater well within the Fremont Valley Groundwater Basin, or would purchase imported surface water from a local water retailer through Antelope Valley-East Kern Water Agency (AVEK). Potential water sources for the project are evaluated in Section 4 of this WSA.

In accordance with California Water Code, a WSA must examine the availability of an identified water supply under normal-year (no drought), single-dry-year (limited drought), and multiple-dry-year (extended drought) conditions, over a 20-year projection. The WSA must account for the projected water demand of the project in addition to other existing and planned future uses of the identified water supply, including agricultural and manufacturing uses, to the extent information is available. A common lack of data for groundwater usage and replenishment rates often makes it difficult to estimate baseline conditions regarding water supply availability; therefore, where data is not available to make quantitative estimates of water supply, reasonable assumptions are made based on available information and data.

The steps followed to ensure compliance of this WSA with California Water Code are described in Attachment A (California Department of Water Resources [DWR] Guidebook for Implementation of SB 610 and SB 221).

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2 Project and Property Description

2.1 Location

The project site is comprised of 90 Assessor's Parcels totaling about 8,371 gross acres. The project includes 82 parcels totaling 6,269 gross acres within unincorporated Kern County and eight Assessor's Parcels totaling approximately 2,102 gross acres within California City. Implementation of the proposed project will require the Applicant to secure Conditional Use Permits from both Kern County and California City, as discussed below in Section 2.2, *Description of Project*.

The project site largely overlies the Fremont Valley Groundwater Basin in the southeastern portion of unincorporated Kern County, straddling State Route 58 east of Mojave and just west and south of the Hyundai-Kia Proving Ground. Due to this location, the project may use groundwater from the Fremont Valley Groundwater Basin; please see Section 4.1, *Fremont Valley Groundwater Basin.* Also due to this location, the proposed project may use imported surface water purchased from a SWP wholesale contractor via a local retailer such as California City; please see Section 4.2, *Antelope Valley-East Kern Water Agency.*

California City and Kern County both deliver water to service connections in their respective service territories via the California City Water Department (CCWD) and the Kern County Water Agency (KCWA). The CCWD and KCWA are described below, to provide a background understanding of the water purveyors respective to the jurisdictions responsible for issuing Conditional Use Permits for the project. Water supply for the proposed project is discussed in Section 4, *Impact Analysis.*

2.1.1 California City

California City overlies the Fremont Valley Groundwater Basin in southeastern Kern County. California City receives its water supply via the CCWD, which provides imported SWP water purchased from the Antelope Valley-East Kern Water Agency (AVEK) and locally produced groundwater resources from the Fremont Valley Groundwater Basin. The CCWD is not a SWP wholesale contractor, and therefore purchases its supply of imported SWP water from the AVEK which is a wholesale SWP contractor. The AVEK manages its water supply with implementation of an Urban Water Management Plan (UWMP) which is updated every five years, as discussed below in Sections 3.4 and 4.3.2. The Fremont Valley Groundwater Basin is not adjudicated, and is managed in accordance with multiple regional management plans, of which the CCWD is a participating agency, as discussed below in Section 4.1.2, *Fremont Groundwater Supply Management.* This includes the Fremont Basin Integrated Regional Water Management Plan (IRWMP), which is implemented by the Fremont Basin Regional Water Management Group (RWMG), as formed in 2014 via a Memorandum of Understanding between California City, the Mojave Public Utilities District (MPUD), and AVEK.

As such, CCWD's two primary water sources are managed in accordance with regional management plans, of which the CCWD is a participating agency. In addition, CCWD manages its cumulative water supply through the implementation of a stand-alone UWMP which is updated every five years. The current (2015) UWMP for CCWD was adopted in 2017 (CCWD 2017). The UWMP incorporates information and analysis from the "Evaluation of Groundwater Resources in California City" prepared by Stetson Engineers in 2008, and the City's Water Master Plan (2002), which assesses water infrastructure improvements based upon current conditions (CCWD 2017).

The CCWD is the sole water supplier for California City. However, CCWD's UWMP was prepared in coordination with other regional water agencies in order to provide the most accurate and clear assessment of water supply reliability to the city (CCWD 2017); these agencies include AVEK, MPUD, and KCWA, which were each contacted for assistance and sent a notice of intent to adopt the UWMP (CCWD 2017). An overview of the KCWA is provided below for background understanding of water suppliers relevant to California City.

As described in the UWMP, California City is underlain by 203 square miles of the Fremont Valley Groundwater Basin, of which the California City Subbasin (CCSB) encompasses 142,451 acres and is hydraulically connected to the Antelope Valley Groundwater Basin (CCWD 2017). The Antelope Valley Groundwater Basin is adjudicated and managed in accordance with an Adjudication Judgment, which accounts for all flows into and out of the basin, including with respect to hydraulic connectivity to other local groundwater basins including the Fremont Valley Groundwater Basin. Further discussion is provided below in Section 4.2.1, under "Antelope Valley Groundwater Basin." The CCWD pumps an average of 3,300 AFY from the CCSB, which provides CCWD customers with approximately 75 percent of their potable water supply (CCWD 2017). The CCWD also owns all water rights for the CCSB, having purchased them in 1960 through an agreement between the Boron Valley Water Development Company and Boron Valley Community Service District, which later became California City Service District (CCWD 2017).

California City currently promotes water conservation and water waste prevention through public education, monitoring customer usage history, enforcement of state and local regulations, distribution of low flow shower heads, and quantity rates (CCWD 2017). As described in the UWMP, the City currently has excess water rights and excess water production capacity, and sufficient water supply is therefore available to meet the projected needs of the City. For the purposes of this WSA for the proposed project, the analysis of surface water supplies in Section 4 focuses on AVEK as the wholesaler that would ultimately provide the surface water supply for the project, rather than the CCWD, which would distribute water from AVEK, as applicable.

2.1.2 Kern County

As with California City, Kern County also has a water district, the Kern County Water Agency (KCWA). KCWA is the second largest wholesale contractor participating in the SWP, and is also a designated Groundwater Sustainability Agency (GSA) for the Pioneer Project, a 2,233-acre groundwater banking facility (KCWA 2020). The Pioneer Project recharges imported surface water delivered via the Cross Valley Canal (CVC) within the Kern County Subbasin in northwestern Kern County. Supplies delivered to the Pioneer Project site via the CVC include SWP water, Kern River water, and Colorado River water from the federal Central Valley Project (CVP) (KCWA 2020). The proposed project site does not overlie the Kern County Subbasin.

As a GSA within the Kern County Subbasin, the KCWA is also a participant agency in the Kern Groundwater Authority (KGA), which manages the subbasin. This subbasin encompasses the portion of the San Joaquin Valley Groundwater Basin that underlies Kern County in the western/northwestern portion of the county (KGA 2020). With the passage of SGMA in 2014, the KGA formed a GSA under a Joint Powers Agreement (JPA), thereby assuming responsibility for development of a comprehensive GSP ("Umbrella GSP") for the entire Kern County Subbasin (KGA 2020). The KCWA therefore provides a GSP for the Pioneer Project to the KGA for inclusion as a chapter within the KGA's Umbrella GSP for the Kern County Subbasin (KCWA 2020). The current Umbrella GSP for the Kern County Subbasin was published in January 2020.

As noted, the proposed project does not overlie the Kern County Subbasin; if the proposed project uses groundwater, it would be pumped from the Fremont Valley Groundwater Basin which underlies California City, as described above. If the proposed project uses imported SWP water, it would be purchased from a local retailer such as CCWD via the AVEK. The information about KCWA provided above is purely for background understanding of the water purveyors in the jurisdictions responsible for issuing Conditional Use Permits for the project (California City and Kern County).

2.2 Description of Project

The project would construct and operate an up to 1,150 megawatt (MW) alternating current (AC) utility-scale solar farm with an up to 750- to 2,000-MWh (MW-hour) Energy Storage System (ESS). The Applicant proposes to construct, own, and operate the project, and will secure Conditional Use Permits from both Kern County and California City, along with permits from other relevant agencies as required by law. Each CUP application is anticipated to produce 575 MW; however, each CUP may produce up to 750 MW if the other CUP either does not get built at all or does not get built for its full capacity. The total output of both CUPs and phases combined will not exceed a total of 1,150 MW-AC, as measured at the point of interconnect, in any scenario.

Primary project components include the following, which are discussed in detail below: PV modules, inverter stations, energy storage system, substation, generation-transmission line, water storage tank(s), operations and maintenance building, site security and fencing, and site lighting. As discussed in the analysis provided in this WSA, water demand for the project is estimated based upon an assumed water demand rate of 0.05 acre-feet of water per year per MW. For the purposes of providing a conservative analysis of the project's water requirements, the WSA demand calculations assume the project would construct up to 2,000 MW, which is greater than the proposed 1,150 MW. This conservative approach facilitates certainty in the water supply availability and reliability conclusions; please see Section 5, *Conclusions.*

This WSA assesses all 90 site parcels collectively as the project, including 82 parcels totaling 6,269 acres in unincorporated Kern County and eight parcels totaling 2,102 acres in California City. Water agencies within these jurisdictions are discussed above in Section 2.1, *Location.* However, the water supply analysis provided for the purposes of this WSA focuses on the source of water provided, not necessarily on the agency/agencies delivering that water; please see Section 4, *Impact Analysis.*

2.2.1 PV Module Configuration

The project would use solar PV panels or modules on mounting frameworks to convert sunlight directly into electricity. The solar panel array would be arranged in groups called blocks, with inverter stations generally located centrally within the blocks. The solar blocks would produce direct electrical current (DC), which is converted to AC at the inverter stations.

In order to maintain efficiency of the PV panels, they would be cleaned of accumulated dust and debris on an as-needed basis, primarily depending on weather conditions. Operational water demands associated with operation and maintenance of the PV panels follow, in Section 2.3.2.

2.2.2 Inverter Stations

PV energy would be delivered via cable to inverter stations, where it would be converted from DC energy to AC energy, which can then be dispatched to the transmission system. Inverter stations are generally located near the center of each block of PV modules, and are comprised of components

including inverter modules with a rated power of up to two MW each, a unit transformer, and voltage switch gear. Inverter station components would be housed within a steel enclosure or metal structure, for weather protection.

No water demand is associated with operation of the inverter stations.

2.2.3 Energy Storage System

Energy storage is the capture of energy produced at one time for use at a later time. Energy storage involves converting energy from forms that are difficult to store to forms that may be stored more conveniently or economically storable forms. The project may include one or more ESS for this purpose.

The ESS(s) would be located at or near a substation or switchyard (on site or shared), and/or at the inverter station(s), but possibly elsewhere on site. Such large-scale ESSs would be up to 750- to 2,000-MWh in capacity and up to 50 acres. The project's ESS(s) would consist of modular and scalable battery packs and battery control systems that conform to United States national safety standards. The ESS modules, which could include commercially available lithium or flow batteries, typically consist of ISO-standard containers housed in pad- or post-mounted, stackable metal structures; ESS modules may alternatively be housed in a dedicated building(s). The actual dimensions and number of ESS modules and structures required for the project will be determined by the applicant, supplier, and configuration chosen, as well as on- off-taker/power purchase agreement requirements, and County building standards.

No water demand is associated with operation of the ESS.

2.2.4 Substation

Energy output from the inverter stations would be transferred via electrical conduits and electrical conductor wires to one or more on-site substation(s) or switchyard(s). Substations typically include a small control building (roughly 500 square feet) standing approximately 10 feet tall. The building is either prefabricated concrete or steel housing with rooms for the voltage switch gear and the metering equipment, a room for the station supply transformer, and a separate control technology room in which the main computer, the intrusion detection system, and the main distribution equipment are housed. Components of this building (e.g., control technology room and intrusion detection system) may instead be located at the operation and maintenance (O&M) building(s) described later in this document. The final location(s) would be determined before issuance of building permits.

No water demands are associated with operation of the substation(s).

2.2.5 Generation-Transmission Line

From the substation(s), power would be transmitted to Southern California Edison's existing Windhub Substation via up to 230-kV overhead and/or underground generation-transmission (gen-tie) line(s). A franchise and/or encroachment agreement may be required for portions of the gen-tie line located along Kern County and California City roads.

No water demands are associated with operation of the transmission line(s).

2.2.6 Reverse Osmosis/Deionization Water Treatment System

Operational water used for panel washing to maximize energy efficiency may need to be treated prior to application on the solar panels. This is because high concentrations of total dissolved solids (TDS) in wash water can leave behind a residue that also decreases panel efficiency. Therefore, high-TDS water needs treatment prior to use for panel washing. It is assumed the proposed solar panels would be washed up to four times per year. It is also assumed wash water may be obtained from the underlying Fremont Valley Groundwater Basin, which is known to be characterized by high TDS concentrations. Therefore, a water treatment system with a footprint of up to 30 feet by 30 feet may be installed to provide deionized water for panel washing. For the purposes of this analysis, it is assumed a combined reverse osmosis (RO) and deionization (DI) system would be used to treat the water used for panel washing.

2.2.7 Water Storage Tank(s)

One or more above-ground water storage tanks with a capacity of up to 80,000 gallons (greater if required by local fire safety requirements) may be placed on site, near the O&M building(s). For the purposes of this analysis, it is conservatively assumed three 80,000-gallon water storage tanks would be placed on the project site, storing a total of up to 240,000 gallons (approximately 0.7 acre-feet). The storage tanks would have the appropriate fire department connections so they could be used for fire suppression, on an as-needed emergency basis.

Water supply associated with the project's water storage tanks is discussed in Section 2.3, *Water Demands.*

2.2.8 Operations and Maintenance Building

The project would include the construction and maintenance of one O&M building, measuring approximately 40 feet by 80 feet, with associated on-site parking. The O&M building may include the following components:

- Office;
- Repair building/parts storage;
- Control room;
- Restroom; and
- Septic tank and leach field.

Roads, driveways, and parking lot entrances would be constructed in accordance with Kern County and California City improvement standards. Parking spaces and walkways would be constructed in conformance with all California Accessibility Regulations.

It is possible the project may share O&M facilities and/or staff with one or more nearby solar projects, and/or the project may be remotely operated. If it is determined the project would not require an on-site O&M building with the components listed above, space that would have been used for the O&M building would be covered by solar panels instead. For the purposes of this WSA, it is conservatively assumed that one O&M building with the components listed above will be implemented for the project.

Water demands associated with the O&M building are described in Section 2.3.2.

Figure 1 Project Site

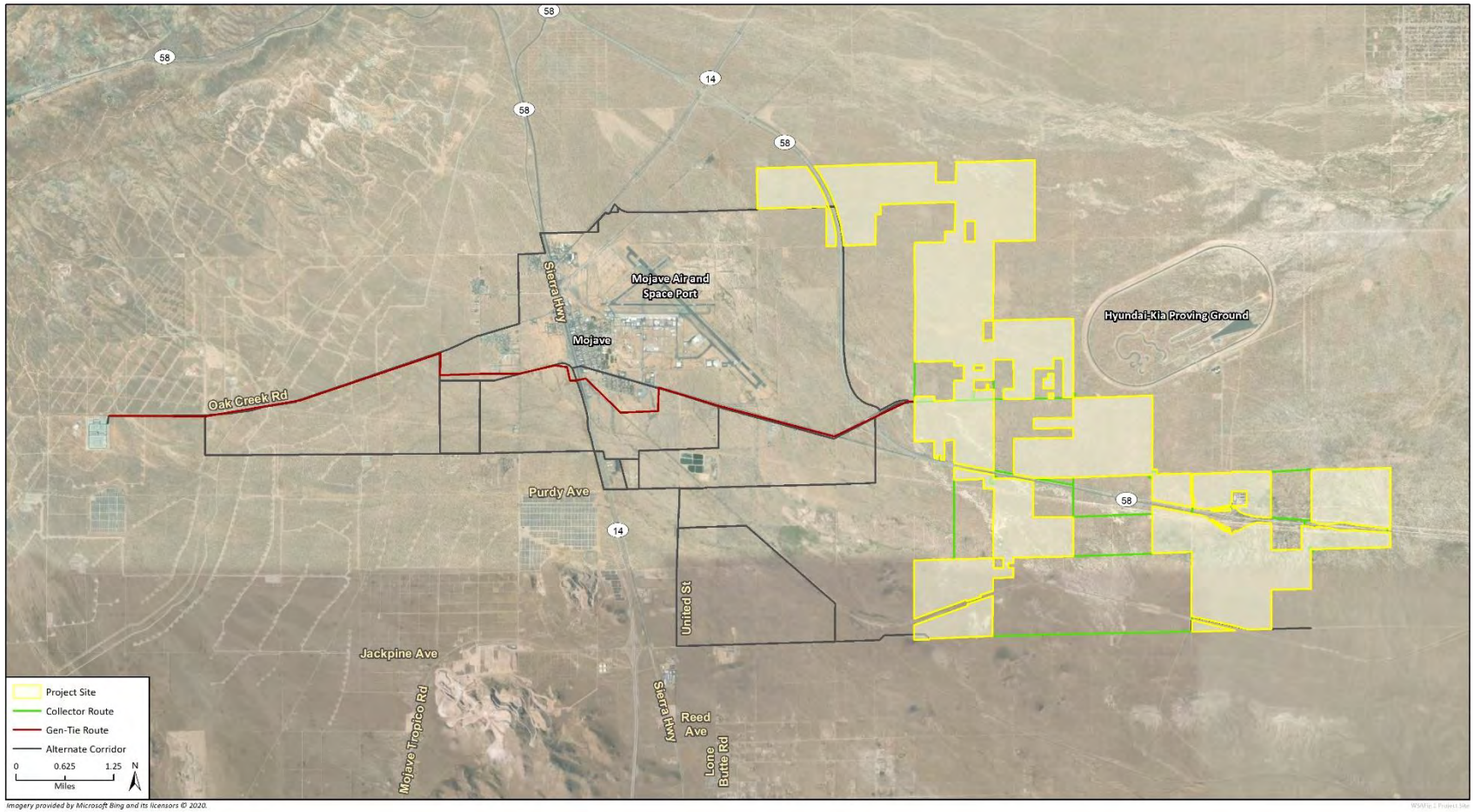
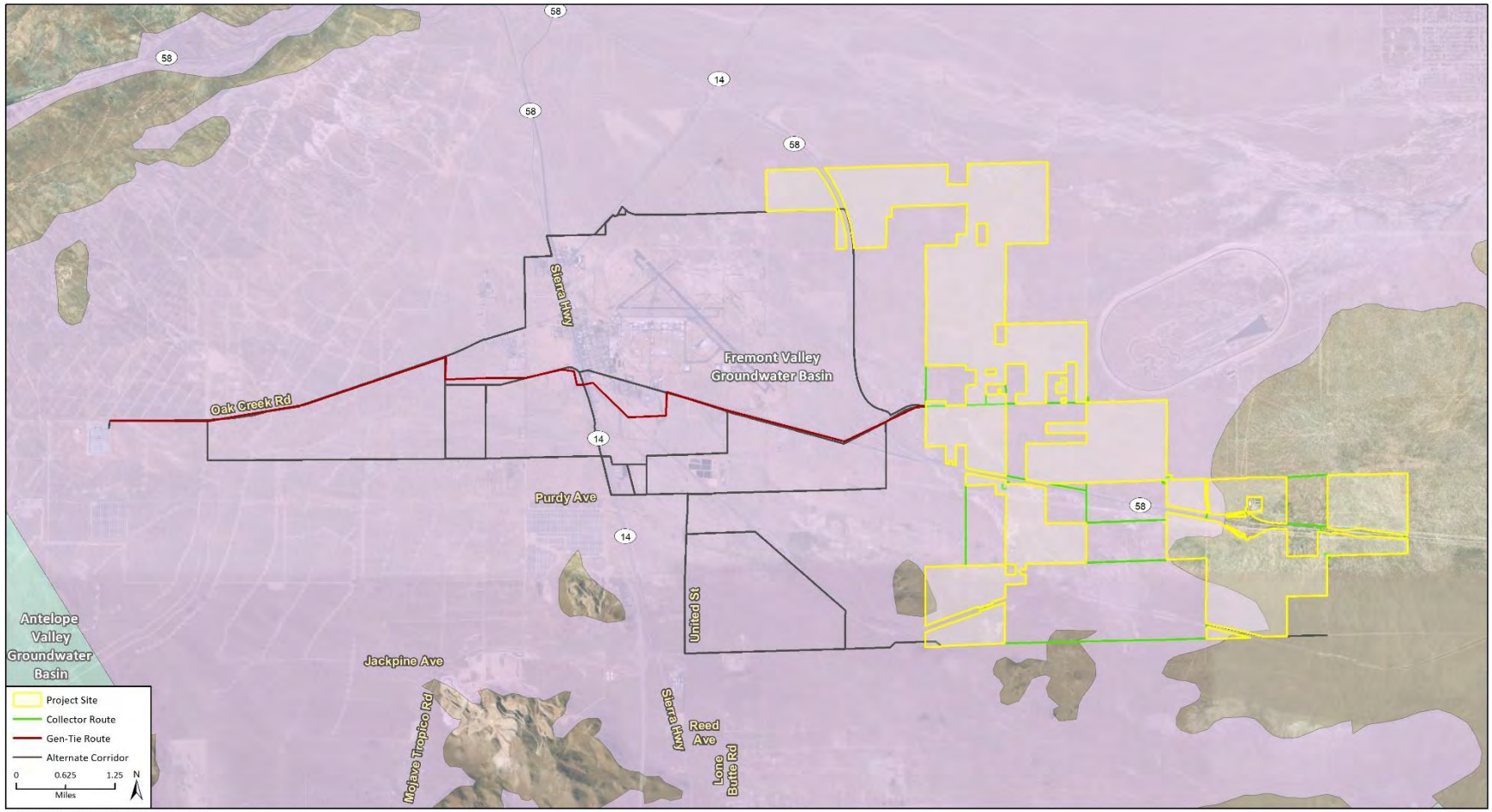


Figure 2 Groundwater Basins



2.3 Water Demands

The project would use water for construction and operation activities. For the purposes of this WSA, it is anticipated the project's water supply will be obtained from on- or off-site groundwater wells in the Fremont Valley Groundwater Basin, and/or imported surface water purchased from a local retailer through AVEK.

During the construction period of up to approximately 24 months, the project would use up to approximately 900 acre-feet of water for construction activities. Operational water demands, which include water used for fire suppression, solar PV panel washing and concentrate, and operation of the proposed O&M building, would total approximately 200.8 AFY. Table 1 summarizes the construction and operational water demands of the project.

Table 1 Project Water Demands

Project Phase	Water Demand
Construction	
Dust Suppression	450 AFY
Total Construction Demand (over two years)	***900 acre-feet***
Operation	
Fire Suppression	0.7 AFY
Solar PV Panel Washing	100 AFY
Solar PV Panel Washing Concentrate	100 AFY
O&M Buildings	0.1 AFY
Total Operational Demand (over 35 years)	***7,028 acre-feet***
Amortized Annual Demand	
Total Amortized Demand	**214.3 AFY**

As shown in Table 1, the project's amortized annual water demand (i.e., the average annual water demand over the anticipated 35-year lifespan of the project, accounting for both construction and operational water requirements) is estimated to be approximately 214.3 AFY. Construction and operational water demands and assumptions for the project are detailed below. Water supplies identified for the project are discussed below in Section 4, *Impact Analysis.*

2.3.1 Construction Water Assumptions

Construction of the project would require 900 acre-feet of water over the project's 24-month construction period; as such, construction activities would require up to 450 AFY of water. Construction water would be used for dust suppression, truck wheel washing, landscaping, and miscellaneous purposes. The following assumptions apply to construction water:

- Drinking water for construction personnel would be provided in bottles trucked to the project site;

- Restroom facilities would be provided as portable units to be serviced by licensed providers, and would therefore not require an on-site water source;
- Use of an on-site water quality treatment system would not be required for construction water uses, and raw water pumped from the local groundwater basin would be of sufficient quality for construction uses; and
- Concrete required for project features such as but not limited to the footings for solar PV modules would be purchased from a local retailer who would provide the mixed concrete, or would use trucks to mix concrete on site such as in a small batch plant.

2.3.2 Operational Water Assumptions

Operation and maintenance of the project would require approximately 200.8 AFY of water for safety precautions (fire water storage), washing of the solar panels (including for wastewater produced by an on-site water quality treatment system), and for sanitary uses at the O&M building. These areas of water demand are discussed below.

Fire Suppression

It is assumed that up to three 80,000-gallon water storage tanks would be used on the project site to store water for fire suppression use on an as-needed basis; this quantity was selected for consistency with the requirements of other similar projects. It is unlikely the entire contents of each 80,000-gallon water tank would be needed for fire suppression on an annual basis, but for the purposes of this analysis it is conservatively assumed the water in each of the three 80,000-gallon tanks would be replaced annually, for a total of 0.7 AFY. Some water stored in the tanks would be lost to evaporation regardless of fire suppression needs. Excess water may also be used for dust suppression during project operation and maintenance activities.

O&M of the project would require an estimated 0.7 AFY of water for fire suppression (as a safety precaution).

Solar PV Panel Washing

In order to maintain energy production efficiency of the PV solar panels, they will be washed with water approximately four times per year or as needed, depending upon weather conditions. It is important that water used for panel washing is low in concentration of TDS, and it is known that local groundwater resources are typically characterized by high TDS concentrations (see Section 4.1, *Fremont Valley Groundwater Basin*, for discussion). All or part of the project's O&M water may be obtained from the local Fremont Valley Groundwater Basin, and would need to be treated before use for panel washing. Water treatment produces concentrated brine that will need to be disposed of; total O&M water requirements for the project account for brine / wastewater that would be produced during water treatment.

The project's water treatment system would have a footprint of up to 30 feet by 30 feet. For the purposes of this analysis, it is assumed that the project will use a combined RO and DI system to treat water for panel washing. Industrial RO systems typically run between 50 and 85 percent recovery, depending on the feed water characteristics and other design considerations (PureTec Industrial Water 2019). Recovery is the amount of water permeated per unit time, typically measured in gallons per minute (gpm) and expressed as a percentage of the source water flow rate. In other words, an 85 percent recovery rate means that 85 percent of the amount of water fed into a system is produced as treated water, and 15 percent is produced as concentrate for disposal.

Source water that has higher concentrations of water quality constituents results in lower recovery rates from a RO/DI system. Water from the Fremont Valley Groundwater Basin is known to have high concentrations of TDS, and it is therefore conservatively assumed the RO recovery rate for the project will be approximately 50 percent. As such, for every 100 gallons of source water that enters the proposed RO/DI system, 50 gallons will be produced as clean wash water, and 50 gallons will be produced as concentrate for disposal.

The solar PV panel washing analysis relies on an assumed water demand rate of 0.05 acre-feet of water per year per MW, based on other utility-scale solar PV projects in California deserts (Sandia National Laboratories 2013). As discussed in Section 2.2, *Description of Project*, the project is anticipated to produce up to 1,150 MW. However, for the purposes of this WSA, a conservative approach was employed and assumed the project would produce up to 2,000 MW of PV solar power; therefore, operational requirements for solar PV panel washing would be approximately 100 AFY. In addition, based on the assumed 50 percent recovery rate for the project's water quality treatment system described above, operation of the project would require approximately 100 AFY for wastewater / brine that would be collected and disposed of off-site, at an approved waste disposal site. Collectively, the treatment and use of water for solar PV panel washing would require up to an estimated 200 AFY. As noted, this is a conservative estimate that is based on a larger project size than currently proposed (2,000 MW assessed versus 1,150 MW proposed).

O&M of the project would require up to approximately 200 AFY of water for panel washing and water treatment.

O&M Building

The project includes one O&M building sized approximately 40 feet by 80 feet. The adjusted water demand factor for a commercial land use type from Palmdale Water District, a nearby water district in Kern County and Los Angeles County, is 1,260 gallons per day per acre per year (Palmdale Water District 2016). The O&M building totals approximately 3,200 square feet, or 0.07 acre. As such, annual water demand associated with the O&M building is 88.2 gallons per day, or approximately 0.10 AFY.

O&M of the project would require up to approximately 0.10 AFY of water for sanitary purposes at the O&M building.

3 Senate Bill 610 Applicability

This regulatory setting discussion is specific to the assessment of water supply availability, as required by SB 610 which became effective in 2002 and amended California Water Code to require detailed analysis of water supply availability for certain types of development projects. The primary purpose of SB 610 is to improve the linkage between water and land use planning by ensuring greater communication between water providers and local planning agencies, and guaranteeing land use decisions for certain large development projects are fully informed as to whether sufficient water supplies are available to meet project demands. SB 610 requires the preparation of a WSA for a project that is subject to CEQA and meets certain requirements, each of which is discussed below.

California Water Code, as amended by SB 610, requires a WSA address the following questions:

- Is there a public water system that will service the proposed project? (see Section 3.3)
- Is there a current Urban Water Management Plan (UWMP) that accounts for the project demand? (see Section 3.4)
- Is groundwater a component of the supplies for the project? (see Section 3.5)
- Are there sufficient supplies to serve the project over the next twenty years? (see Section 3.6)

The primary question to be answered in a WSA is:

> *Will the total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection meet the projected water demand of the proposed project, in addition to existing and planned future uses of the identified water supplies, including agricultural and manufacturing uses?*

The following sections address the SB 610 WSA questions as they relate to the project.

3.1 Is the Proposed Project Subject to CEQA?

California Water Code Section 10910(a) states any city or county that determines a project, as defined in Section 10912, is subject to CEQA must prepare a WSA. Projects requiring an issuance of a discretionary permit by a public agency, projects undertaken by a public agency, and projects funded by a public agency are subject to CEQA. The project requires issuance of discretionary permits (CUPs) from Kern County and California City and is therefore subject to CEQA.

3.2 Is the Proposed Project a "Project" Under SB 610?

California Water Code, as amended by SB 610, states any proposed action that meets the definition of "project" under SB 610 is required to prepare a WSA to demonstrate whether sufficient water supplies are available to meet requirements of the project under normal and drought conditions. Water Code Section 10912 defines a "project" as any one of six different development types with certain water use requirements. Each identified development type and associated water requirements is addressed below.

3.2.1 Residential Development

A proposed residential development of more than 500 dwelling units is defined as a "project" under SB 610. The project is not a residential development.

3.2.2 Shopping Center or Business Establishment

A proposed shopping center or business establishment employing more than 1,000 persons or having more than 500,000 square feet of floor space is defined as a "project" under SB 610. The project is not a shopping center or business establishment.

3.2.3 Commercial Office Building

A proposed commercial office building employing more than 1,000 persons or having more than 250,000 square feet of floor space is defined as a "project" under SB 610. The project is not a commercial office building.

3.2.4 Hotel or Motel

A proposed hotel or motel, or both, having more than 500 rooms is defined as a "project" under SB 610. The project is not a hotel or motel.

3.2.5 Industrial, Manufacturing, or Processing Plant or Industrial Park

A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area is defined as a "project" under SB 610.

The project is not a manufacturing plant, processing plant, or industrial park. However, it is an industrial facility occupying more than 40 acres and therefore this analysis conservatively determined the project to be considered a "project" under Water Code Section 10912. Therefore, this WSA has been prepared to satisfy the requirements of SB 610.

3.3 Is There a Public Water System that Will Serve the Proposed Project?

California Water Code Section 10912 defines a "public water system" as a system that has 3,000 or more service connections and provides piped water to the public for human consumption. The project would source water from one or more of the following water sources: pumped from an on- or off-site groundwater well in the Fremont Valley Groundwater Basin, or purchased imported surface water from a local water retailer through AVEK.

There is not a public water system that will serve the project.

3.4 Is There a Current UWMP that Accounts for the Project Demand?

California's urban water suppliers prepare UWMPs to support long-term resource planning and ensure adequate water supplies. Every urban water supplier that either delivers more than 3,000

AFY of water annually or serves more than 3,000 connections is required to assess the reliability of its water sources over a 20-year period under normal-, single-dry, and multiple-dry year scenarios. These are the same requirements of a WSA, as specified by SB 610. UWMPs must be updated and submitted to DWR every five years for review and approval (DWR 2020).

AVEK and California City both have current UWMPs in place. California City purchases imported SWP supplies through AVEK, and it is possible that all or a portion of the project's water supply may be purchased from AVEK via California City. Because AVEK would provide the source of SWP water, the AVEK UWMP is considered for the purposes of this WSA; see Section 4.2, *Antelope Valley-East Kern Water Agency.* California City's UWMP is discussed in Section 2.1.1 for background understanding.

3.5 Is Groundwater a Component of the Supplies for the Project?

The project's water demands may be met in part or in full by groundwater produced from the underlying Fremont Valley Groundwater Basin. Groundwater supplies are discussed in Section 4.1, *Fremont Valley Groundwater Basin*.

3.6 Are There Sufficient Supplies to Serve the Project Over the Next Twenty Years?

The sufficiency of water supplies identified as potential sources to serve the project is assessed in the following sections. Water resources in the project area are described in Section 4, *Impact Analysis*. Water supply reliability is discussed in Section 4.3, *Water Supply Reliability*.

The information and analysis provided in this WSA support the conclusion that there are sufficient water supplies available in the project area to meet the needs of the project over the next 20 years (the assessment period required per SB 610 for a WSA). Conclusions associated with the sufficiency of available water supplies are discussed in Section 5, *Conclusions*.

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4 Impact Analysis

The project would source water from an on- or off-site groundwater well in the Fremont Valley Groundwater Basin, and/or from a local retailer sourced by AVEK. The following sections characterize the potential water sources and examine their capacity to meet the construction and operational demands of the project.

4.1 Fremont Valley Groundwater Basin

The project's water demands may be met with groundwater pumped from the Fremont Valley Groundwater Basin via an on- or off-site well. The following sections characterize the hydrogeology of the groundwater basin.

4.1.1 Fremont Basin Characteristics

The Fremont Valley Groundwater Basin spans approximately 335,000 acres (523 square miles) and extends across portions of Kern and San Bernardino Counties. The basin is bounded as follows: on the northwest by the Garlock fault zone and impermeable crystalline rocks of the El Paso Mountains and the Sierra Nevada; on the east by crystalline rocks of the Summit Range, Red Mountain, Lava Mountains, Rand Mountains, Castle Butte, Bissel Hills, and Rosamond Hills; on the southwest by the Antelope Valley Groundwater Basin and a groundwater divide approximated by a line connecting the mouth of Oak Creek through Middle Butte to exposed basement rock near Gem Hill (DWR 2004). Surface water in the Fremont Valley generally drains toward Koehn Lake, a playa (dry) feature, with the exception of surface drainage overlying the southwestern-most portion of the basin, which drains southward toward the town of Rosamond (DWR 2004).

Water Bearing Formations

Alluvium is the primary water-bearing material in the Fremont Valley Groundwater Basin; Quaternary alluvium and lacustrine deposits are also water-bearing. Alluvium is approximately 1,190 feet thick along the margin of the basin and thins toward the middle of the basin, where it is interbedded with thick layers of lacustrine silt and clay near Koehn Lake. Groundwater in the alluvium is generally unconfined, although locally confined conditions occur near Koehn Lake. Average well yield is about 530 gpm with a maximum yield of 2,580 gpm (DWR 2004).

Restrictive Structures

The Garlock and El Paso fault zones extend along the foothills of the Sierra Nevada and El Paso Mountains, and form restrictive groundwater barriers on the west and northwest sides of the basin. The Cantil Valley fault traverses the northeast part of the basin, but its effect on groundwater is not known. The Muroc fault traverses the central part of the basin and forms a partial barrier to groundwater flow (DWR 2004).

Recharge and Connectivity

Natural recharge of the Fremont Valley Groundwater Basin includes percolation of ephemeral streams that flow from the Sierra Nevada mountain range. The direction of groundwater flow is

toward Koehn Lake located in the center of the valley. There is no appreciable quantity of groundwater flowing out of the basin (DWR 2004).

Water Quality

The character of groundwater quality in the Fremont Valley Groundwater Basin is generally sodium bicarbonate in the southeastern part of the basin and sodium bicarbonate or calcium-sodium sulfate character in the southwest part of the basin. Groundwater is sodium sulfate-bicarbonate to sodium chloride character in the northern part of the basin. Groundwater character is complex with variable mixtures of sodium, calcium, chloride, sulfate, and bicarbonate in the central portion of the basin. The concentration of TDS ranges from 400 to 700 milligrams per liter (mg/L) in the southeastern portion of the basin, 800 to 1,000 mg/L in the southwest part of the basin, and 350 to 1,100 mg/L in the northern part of the basin. Data from 10 public supply wells in the basin show an average TDS content of 596 mg/L and a range of 398 to 1,400 mg/L (DWR 2004).

Groundwater quality impairments in Fremont Valley Groundwater Basin include fluoride, sodium, and TDS concentrations near Kohen Dry Lake, in the amounts of approximately 10,000 mg/L, 14,000 mg/L, and 100,000 mg/L, respectively (DWR 2004).

Groundwater Level Trends

In the southwestern part of Fremont Valley Groundwater Basin, the direction of flow is northward, from near Oak Creek toward the town of Mojave, then under the surface drainage divide toward Koehn Lake. Elsewhere in Fremont Valley Groundwater Basin, groundwater also flows toward Koehn Lake. Hydrographs indicate that groundwater elevations declined in the southwestern portion of the Fremont Valley Groundwater Basin by about nine feet between 1957 and 1999, in the center of the basin about five feet between 1967 and 1998, in the northwest part of the basin about six feet between 1979 and 1997, and east of Koehn Lake about 25 feet between 1967 and 1999 (DWR 2004).

4.1.2 Fremont Groundwater Supply Management

The Fremont Valley Groundwater Basin is not adjudicated; therefore, there are no pumping restrictions in place for groundwater wells in the basin. However, there are multiple groundwater management plans for the basin that are implemented towards the goals of achieving and maintaining sustainability of the groundwater supply and quality. An overview of these plans is discussed below.

Fremont Basin Integrated Regional Water Management Plan

The Regional Water Management Planning Act (SB 1672) was passed by the California State Legislature in 2002, authorizing a regional water management group to prepare and adopt an integrated regional water management plan (IRWMP). The Fremont Basin IRWM Region (Region) was approved by DWR in September 2011, through the IRWM Region Acceptance Process. The Region boundaries include the entirety of the underlying Fremont Valley Groundwater Basin, which is also the primary defining water resource in the Region. Other water sources in the Region include surface water and some recycled water. Supplies within the Region are delivered to customers by water agencies, or pumped on-site using private groundwater wells (Fremont Basin RWMG 2019).

The Fremont Basin RWMG was formed in 2014, with the signing of a Memorandum of Understanding between the City of California City, the MPUD, and AVEK; please see Section 2.1.1,

California City. The Fremont Basin RWMG produced the Fremont Basin IRWMP in 2018, assessing the water supply conditions and management approach for the region.

AVEK is the SWP contractor in the Fremont Basin Region, and holds a 75-year contract with DWR for the delivery of SWP water through 2035; it is anticipated that the SWP contracts will be extended through 2085. AVEK's contract with DWR allocates 144,844 AFY of SWP water to AVEK, representing the third largest allocation of the 29 SWP contractors. To increase regional supply reliability, AVEK has developed groundwater banking programs in the Antelope Valley Groundwater Basin. Groundwater banking allows AVEK to store excess water, when available, from the SWP during wet periods, allowing for recovery during dry and high demands periods, or during a disruption in deliveries from the SWP. While AVEK's groundwater banking projects are located outside the Fremont Basin Region, the increase in supply reliability provides benefits to AVEK's entire service area, including those customers within the Fremont Basin IRWM Region (Fremont Basin RWMG 2019).

Fremont Valley Basin Groundwater Management Plan

Groundwater Management Plans (GWMPs) were required to be developed and submitted to DWR under previous State legislation including Assembly Bill 359, Assembly Bill 3030, and SB 1938. With adoption of the Sustainable Groundwater Management Act (SGMA) in 2014, GWMP requirements were largely replaced by Groundwater Sustainability Plans (GSPs), discussed in detail below. Per SGMA, no new GWMPs were adopted in medium- or high-priority basins after January 1, 2015, and existing GWMPs remain in effect until GSPs are adopted in their place (for medium- or high-priority basins) (Fremont Basin RWMG 2018a). The Fremont Valley Groundwater Basin is not designated as medium- or high-priority, and is therefore not subject to SGMA requirements, including for a GSP, at this time.

The Fremont Valley Basin GWMP of 2018 was developed to eventually serve as a GSP, with the primary goal of documenting groundwater conditions to help inform the long-term sustainable management of groundwater resources in the Plan area. The Fremont Valley Basin GWMP was developed in parallel with the IRWMP, described above, and the Fremont Valley Basin Salt and Nutrient Management Plan (SNMP), described below. Groundwater quantity and quality conditions documented for the Fremont Valley Groundwater Basin in the 2018 GWMP will facilitate groundwater resources management in the Plan area and inform future groundwater studies, including those for SGMA purposes (Fremont Basin RWMG 2018a).

The Fremont Valley Basin GWMP identifies water management projects that support regional water supply reliability, promote sustainable use of water resources, and provide drinking water that meets regulatory requirements. These projects, which range in development from conceptual to fully implemented, include the following:

- Fremont Valley Groundwater Basin GSP development (described below);
- Well blending and distribution system enhancements;
- Conjunctive use programs;
- Wastewater treatment plant upgrades;
- Recycled water projects;
- Septic to sewer conversion;
- Stormwater capture and reuse/recharge;

- Central Park Lake restoration;
- Water main replacements;
- New water meters; and
- Water distribution system upgrades (Fremont Basin RWMG 2018a).

As noted above, the GWMP is intended to serve as a pre-GSP document, providing guidance for the sustainable management of the Fremont Valley Groundwater Basin.

Salt and Nutrient Management Plan

In 2018, a Salt and Nutrient Management Plan (SNMP) was developed for the Fremont Valley Groundwater Basin to fulfill the requirements of the State's *Policy for Water Quality Control for Recycled Water* (Recycled Water Policy). The Recycled Water Policy supports use of recycled water as a source of water supply while requiring the management of salts and nutrients from all sources on a sustainable basis to maintain water quality objectives and protect beneficial uses covered by each of the Regional Water Quality Control Board Basin Plans. The SNMP was prepared in cooperation between California City, AVEK, and MPUD, in collaboration with local and regional stakeholders and in accordance with the Recycled Water Policy. The SNMP is part of a collaborative effort to manage salts, nutrients, and other groundwater constituents of concern to ensure water quality objectives are met and beneficial uses of the Basin are protected. The SNMP stakeholders selected TDS, chloride, nitrate, arsenic, boron, fluoride, and total chloride to characterize water quality in the Basin. (Fremont Basin RWMG 2018b)

Resolution No. 68-16 was incorporated into the State's Recycled Water Policy to set forth the parameters under which recycled water may be used; specifically, the Recycled Water Policy states that in cases where more than 10 percent of a basin's assimilative capacity[1] will be used by a project (or more than 20 percent of a basin's assimilative capacity will be used by multiple projects), an antidegradation analysis consistent with Resolution No. 68-16 must be performed to provide sufficient information to the Regional Water Quality Control Board to make a determination that the project will provide the maximum benefit to the people of the State. (Fremont Basin RWMG 2018b)

The SNMP found that water quality in the Fremont Valley Groundwater Basin was at or slightly below the recommended SMCL of 500 mg/L for TDS, but substantially below the upper limit SMCL of 1,000 mg/L. The antidegradation analysis determined that even under the heavy agricultural growth scenario, only six percent of the assimilative capacity of the basin would be used within the Plan period (2040) based on the 1,000 mg/L water quality objective for TDS, and only one percent would be used without any future agricultural growth. Water within the Fremont Valley Groundwater Basin was substantially below the water quality objective for nitrate as N (10 mg/L), and nitrate-N levels are not expected to substantially increase within the Plan period (about three percent of the assimilative capacity). (Fremont Basin RWMG 2018b)

Groundwater Sustainability Plan

In September 2014, California Governor Jerry Brown signed a three-bill package known as the Sustainable Groundwater Management Act into law. SGMA establishes a framework for local

[1] "Assimilative capacity" is the capacity of a natural body of water to receive wastewaters or toxic materials without deleterious effects to the environment or humans.

groundwater management and requires local agencies to bring overdrafted basins into balanced levels of pumping and recharge. The California Statewide Groundwater Elevation Model Priority List ranks groundwater basins across the state with assessment rankings of High, Medium, Low, or Very Low. DWR identifies the Fremont Valley Groundwater Basin as a Low-Priority groundwater basin; therefore this area is not subject to SGMA requirements at this time.

As described above, the GWMP for the Fremont Valley Region is intended to act as a "pre-GSP" document to later be revised to meet the requirements of SGMA. Members of the RWMG, including California City, AVEK, and MPUD, as well as other key stakeholders in the region, may form a GSA in the future and continue the GSP development process. Based on DWR's present requirements for a GSP, it is anticipated that the future GSP for the Fremont Valley Groundwater Basin may include (but would not be limited to) the following:

- Basin-wide groundwater level and quality monitoring;
- Subsidence monitoring;
- Groundwater studies, including development of robust, 3D groundwater models of water levels, salinity, geological features, and stratigraphy;
- Water recycling projects to offset groundwater pumping;
- Stormwater capture and reuse/recharge studies that can be conducted in conjunction with the Fremont Basin IRWMP;
- Public Outreach Plan;
- Surface water monitoring program;
- Updating land cover maps for future agricultural expansion; and
- Encouraging conservation and BMPs for agriculture (Fremont Basin RWMG 2018a).

As with the GWMP, the Fremont Valley Groundwater Basin GSP would identify specific measures to protect groundwater quantity and quality.

4.2 Antelope Valley-East Kern Water Agency

The project's construction and/or operational water demands may be met with water acquired through AVEK, a regional water wholesaler. AVEK's territory encompasses nearly 2,400 square miles in the Mojave Desert, and AVEK provides water supplies to over twenty municipal users, including the City of California City. In 1962, the AVEK Board of Directors signed a water supply contract with DWR for delivery of imported water supplies from the SWP to supplement Antelope Valley groundwater supplies for users in the Antelope Valley. The majority of AVEK's imported water is treated and distributed to customers throughout its service area. AVEK also provides delivery of untreated water to local farmers and ranchers. In addition, to help increase the reliability of regional water supplies, AVEK stores excess imported water during wet periods through groundwater banking programs. (AVEK 2016)

4.2.1 AVEK Water Supply Sources

As noted above, AVEK has two sources of water supply: imported SWP water, and groundwater from the Antelope Valley Groundwater Basin.

State Water Project Imported Water

The SWP is the nation's largest state-built water and power development and conveyance system. The SWP includes approximately 660 miles of aqueduct and conveyance facilities, extending from Lake Oroville in the north to Lake Perris in the south. (AVEK 2016)

AVEK receives both direct deliveries and Table A water supplies from the SWP. The SWP is contracted to deliver a maximum of approximately 4.2 million AFY of Table A water to a total of 29 contracting agencies. Table A water is a reference to the amount of water listed in "Table A" of the contract between SWP and the contractors. It represents the maximum amount of water a contractor may request each year. AVEK, which is the third largest state water contractor, has an allocation for purchasing up to 144,844 AFY of Table A water from the SWP. AVEK is also able to purchase additional SWP supplies from DWR, when available. (AVEK 2016)

When water supplies are limited, such as during extended drought conditions, SWP deliveries can be curtailed. In drought years, water is allocated based on a percentage of full contractual Table A amounts. AVEK prepares for single- and multiple-dry year scenarios by storing water imported from SWP in the Antelope Valley Groundwater Basin through groundwater banking programs. (AVEK 2016)

Antelope Valley Groundwater Basin

In 2014, AVEK began pumping groundwater from its wells in the Antelope Valley Groundwater Basin. AVEK pumped 16,780 acre-feet in 2014 and 17,066 acre-feet in 2015 (AVEK 2016). AVEK's available groundwater supplies are governed by the Antelope Valley Adjudication Judgment and by the amount of groundwater stored in its groundwater bank accounts. In order to achieve Native Safe Yield in the basin, the Antelope Valley Adjudication Judgment requires a Rampdown Period between 2016 and 2022, during which time Producers (including AVEK) that were allocated a portion of the Native Safe Yield must reduce production from a Pre-Rampdown Production amount to the Production Right. The Pre-Rampdown Production amount is defined as the "reasonable and beneficial use of Groundwater, excluding Imported Water Return Flows, at a time prior to this Judgment, or the Production Right, whichever is greater" (Antelope Valley Watermaster 2019).

AVEK has an overlying Pre-Rampdown Production Right of 4,000 AFY, which ramps down to 3,550 AFY at the end of the seven-year production rampdown period; AVEK also has water rights to imported water return flows (AVEK 2016). The Adjudication Judgment does not limit AVEK's groundwater banking projects, which include: AVEK Westside Water Bank; AVEK Eastside Water Bank; AVEK High Desert Water Bank; Antelope Valley Water Storage LLC Willow Spring Water Bank (formerly the Antelope Valley Water Bank); and Tejon Ranchcorp and Tejon Ranch Company's Tejon Water Bank (Antelope Valley Watermaster 2019).

Due to active management of the Antelope Valley Groundwater Basin through implementation of the Antelope Valley Groundwater Basin Adjudication Judgment, it is reasonably anticipated that the Antelope Valley Groundwater Basin will be stabilized and its allocated groundwater supplies will be available to AVEK in every year.

4.2.2 AVEK Supply Management

AVEK's water supply is managed through implementation of an UWMP. The California Urban Water Planning Act (Act) requires urban water suppliers that have 3,000 or more service connections or supply 3,000 or more acre-feet of water per year to develop an UWMP, which is submitted to DWR for review and approval every five years. The UWMP is required to describe and evaluate water

deliveries and uses, water supply sources, efficient water uses, demand management measures and water shortage contingency planning.

AVEK's UWMP also addresses consumption reduction by retail water suppliers to reduce their water usage during extreme multiple dry-year conditions. The extent of required water usage reduction depends upon the severity of dry-year water shortages. AVEK's Water Shortage Contingency Plan, provided in Section 8 of the current (2015) UWMP, may require retail water suppliers to reduce usage by up to 50 percent as one of the necessary steps in ensuring water supply reliability. AVEK has adopted Demand Management Measures (DMMs) to help the retail water suppliers within its service area to achieve required water use reduction targets. DMMs are required for wholesale agencies such as AVEK as part of its ongoing operations, and to maintain compliance with its grant funding requirements through Proposition 84. AVEK implements DMMs from the California Urban Water Conservation Council's (CUWCC) 2010 Flex Track Best Management Practices (BMPs), as applicable. These measures include requirements for metering, education, conservation, energy reporting, and asset management; as noted above, these DMMs are implemented by AVEK to help retail water suppliers in reducing their usage when needed due to supply shortages. (AVEK 2016)

In the event of water supply shortages, AVEK will make water delivery reductions per the law for allocations. Ordinance O-07-2, AVEK's Water Shortage Contingency Plan, may require up to a 50 percent reduction in usage, as mentioned above. Projections for future deliveries of SWP water are estimated based on DWR's 2015 update of the State Water Project Delivery Capability Report (DCR), a biennial report to assist SWP contractors and local planners in assessing the near and long-term availability of supplies from the SWP. In the 2015 update, DWR provides SWP supply estimates for SWP contractors to use in their planning efforts, including for use in their 2015 UWMPs. The 2015 DCR includes DWR's estimates of SWP water supply availability under both current and future conditions. Long-term water supply reliability is discussed below, in Section 4.3.2.

4.3 Water Supply Reliability

SB 610 requires the consideration of supply availability under varying climatic conditions, including normal year, single-dry year, and multiple-dry year scenarios. Each of these scenarios are addressed below, to the extent of data available to inform this analysis; where there is a lack of data available to quantify water supply availability, reasonable assumptions are made, as detailed below.

4.3.1 Fremont Valley Groundwater Basin

The project applicant may pump groundwater from existing wells within the Fremont Valley Groundwater Basin. As discussed in Section 4.1, *Fremont Valley Groundwater Basin*, there are multiple active groundwater management efforts in place in the Fremont Valley Groundwater Basin, including:

- Fremont Basin Integrated Regional Water Management Plan;
- Fremont Valley Basin Groundwater Management Plan;
- Salt and Nutrient Management Plan; and
- Groundwater Sustainability Plan (in progress).

Current and projected water supply and demand estimates are presented in the IRWMP for the Fremont Valley Basin region. As described in the IRWMP, there is a limited understanding of storage and withdrawal capacity in the basin and, because the basin is not adjudicated, pumping is not

currently managed by a Watermaster. The IRWMP and other local planning efforts describe that increasing industrial water uses in the basin will continue to increase, including for solar energy developments.

The IRWMP describes that the four largest industrial water user categories are the solar, cannabis, mining, and manufacturing industries. The Fremont Valley GWMP also describes that population in this area is expected to grow more than 35 percent by 2040, and that industrial uses including for the solar industry are expected to grow substantially over this same timeframe. The Fremont Valley GWMP provides current and projected water demand rates for the primary water uses in the area, including industrial uses, which account for solar developments. These projections are shown in Table 2, below.

Table 2 Current and Projected Water Demand (AF) – Baseline Condition

	2015	2020	2025	2030	2035	2040
Residential	5,278	7,340	7,687	8,045	8,408	9,328
Agricultural	647	647	647	647	647	647
Industrial	6	65	271	477	684	890
Plan Area Total	5,931	8,052	8,605	9,169	9,739	10,865

The table above indicates that the GWMP accounts for increasing industrial water uses in the Fremont Valley Basin region, which include solar energy developments such as the project. The GWMP also estimates that total water supplied within the Fremont Valley GWMP area is expected to increase by more than 60 percent by 2040 to match increasing water demands, accounting for agricultural growth rates of baseline, light, medium, and heavy, respectively. The GWMP determined that the light and medium agricultural growth scenarios are likely to be sustainable, whereas the heavy agricultural growth scenario may not be sustainable and could produce a condition of overdraft. (Fremont Basin RWMG 2018a)

Projections of water supply availability in the Fremont Valley Groundwater Basin vary depending upon the source and are highly dependent upon projected imported and surface water supplies in the area. As mentioned, this groundwater basin is identified by DWR as Low Priority, meaning that overdraft conditions are not present or imminent, and future management of groundwater resources in the area will include development and implementation of a GSP, which may impose pumping restrictions if needed to facilitate groundwater supply reliability. In conclusion, estimates of increasing water demands in the project area do account for solar developments such as the project and, although estimates of water supply availability are not specific to groundwater, it is generally anticipated that water supply availability will match water demand through conjunctive use management of groundwater and surface water resources.

4.3.2 Antelope Valley-East Kern Water Agency

Water supply availability projections for AVEK are more quantifiable than for the Fremont Valley Groundwater Basin, because there is more data available for imported surface water supplies than for unmonitored groundwater supplies. Water supply projections provided by AVEK indicate that there are anticipated water shortages under varying climatic conditions in the future, but it is also anticipated that such shortages will be accommodated by increasing groundwater pumping, including through the recovery of banked supplies or return flows, and/or reducing demand by the retail agencies within AVEK's service territory (AVEK 2016).

Table 3 summarizes AVEK's supply and demand projections in normal year, single-dry year, and multiple-dry year climatic scenarios. In each of these scenarios, AVEK assumes it will pump its annual Overlying Production Right of 3,550 AFY from the Antelope Valley Groundwater Basin. Projections for future deliveries of SWP water are estimated based on DWR's modeled supply estimates (AVEK 2016).

Table 3 AVEK Projected Supplies and Demand

		2020	2025	2030	2035
Normal Year					
Supply Totals		89,010	89,010	89,010	89,010
Demand Totals		83,680	85,630	85,940	86,260
Difference		**5,330**	**3,380**	**3,070**	**2,750**
Single Dry Year					
Supply Totals		89,010	89,010	89,010	89,010
Demand Totals		83,680	85,630	85,940	86,260
Difference		**5,330**	**3,380**	**3,070**	**2,750**
Multiple Dry Years					
First Year	Supply Totals	56,950	56,950	56,950	56,950
	Demand Totals	83,680	85,630	85,940	86,260
	Difference	**(26,730)**	**(28,680)**	**(28,990)**	**(29,310)**
Second Year	Supply Totals	62,750	62,750	62,750	62,750
	Demand Totals	83,680	85,630	85,940	86,260
	Difference	**(20,930)**	**(22,880)**	**(23,190)**	**(23,510)**
Third Year	Supply Totals	74,350	74,350	74,350	74,350
	Demand Totals	83,680	85,630	85,940	86,260
	Difference	**(9,330)**	**(11,280)**	**(11,590)**	**(11,910)**

Units in acre-feet per year
Source: AVEK 2016

In normal and single-dry years, AVEK has sufficient water supplies to meet projected demands. Under multiple-dry year scenarios, the projections indicate water supply shortages due to curtailed SWP deliveries. As discussed above, AVEK has groundwater banking projects which were developed to augment shortened imported water supply during dry-year scenarios. Accordingly, during water supply shortages resulting from curtailed SWP delieveries, the difference in supply avialable for distribution by AVEK will be made up by increased groundwater pumping of banked supplies.

As discussed in AVEK's current (2016) UWMP, the Antelope Valley IRWMP identifies projects that, once implemented, will develop approximately 30,000 AFY of new supply, while also identifying up to approximately 600,000 AFY of water bank storage capacity avilable for use in groundwater banking programs (AVEK 2016). In addition, AVEK's 2016 UWMP identifies programs to address future water shortages. Among these programs is the South North Intertie Pipeline and Pump Station / Turnout Project (SNIP), which was constructed in 2011, and connects the existing

Rosamond Water Treatment Plant and the Quartz Hill Water Treatment Plant by utilizing the ability to move water through the Los Angeles County Water Works District's pipelines; this provides flexibility in the method of return of water banked in the Westside Water Bank, by providing it as direct delivery or by transfer (AVEK 2016). This increased flexibility bolsters the reliability of water supply available through AVEK. Further bolstering the availability and reliability of future water supply to the region, AVEK's current UWMP also identifies a number of potential projects that AVEK is considering to implement for further expansion of water supply availability during dry-year scenarios; these are summarized in the table below.

Table 4 AVEK Expected Future Water Supply Projects

Project Name	Description	Added Supply
Westside Water Bank Expansion	Construction of a new turnout to the California Aqueduct and a parallel pipeline to the West Feeder to increase the groundwater recharge capacity of the Westside Water Bank.	40,000[1]
Westside Water Bank Interconnecting Pipeline and Pump Station	Construction of a pump station and completion of the SNIP Pipeline to increase availability of water stored (banked) in the Westside Water Bank.	N/A[2]
Enterprise Bank	Development of a new groundwater recharge and recovery facility to include recharge basins and pipelines, recovery wells, well collection system, and transmission and pumping facilities to deliver water from the bank to the Aqueduct for delivery to banking partners.	83,300[3]
Southern Antelope Valley Intertie	Construction of an interconnecting pipeline and pump station between AVEK's East Feeder and South Feeder Systems to allow AVEK to transfer water from one end of the service area to the other in both directions, thereby AVEK's use of stored water from their water banks for delivery throughout the service area.	N/A[2]
North Feeder Pump Station	Construction of an in-line pump station in the North Feeder Pipeline, which will be necessary once the water demands of the North Feeder exceed the gravity flow capabilities.	N/A[2]

Source: AVEK 2016

1. Assumes 1/3 of total banking capacity of 120,000 acre-feet is available for recovery in dry years.
2. Project allows for more flexibility in operations but does not result in an increase in water supplies.
3. First phase includes a groundwater banking capacity of 250,000 acre-feet. Dry year recovery is estimated to be 1/3 of bank capacity. Ultimate capacity of the Enterprise Bank is proposed to be up to 1,000,000 acre-feet.

The expected future projects listed in the table above would collectively result in a substantial expansion to AVEK's existing water supply portfolio. Groundwater banking programs, which are particularly key to water supply reliability in this region, are highly dynamic, with water regularly moving into, out of, and through respective banks. Therefore, it is not possible to quantify how much water will be available in the groundwater banks at the time of implementation of the proposed project. However, AVEK's conjunctive use management of surface water and groundwater supplies, including as related to the projects listed above and the efforts to increase conveyance flexibility throughout the region, indicate that sufficient water supplies are available to make up for and replenish the dry-year deficiencies indicated in Table 3.

5 Conclusions

This WSA assesses the project's construction and operation water demands. During the construction period of up to approximately 24 months, the project would use up to approximately 900 acre-feet of water for construction activities. Operational water demands, which include water used for fire suppression, solar PV panel washing, and operation of the proposed O&M building, would total approximately 200.8 AFY. The project's amortized annual water demand is estimated to be approximately 214.3 AFY.

As described herein, the project would pump water supply from the underlying Fremont Valley Groundwater Basin, and/or would purchase locally produced groundwater and/or imported surface water from AVEK via a local retailer such as the CCWD. Supplies within the Fremont Valley Groundwater Basin are managed through implementation of an IRWMP and GWMP, as well as ultimately a GSP, while supplies provided via AVEK are managed per an UWMP that is updated every five years. Water demand projections in the project area generally account for solar energy developments such as the project. Further, water supply availability projections generally indicate that sufficient water supplies are available to meet projected water demands for the project, and that AVEK will respond to dry-year shortages by pumping banked groundwater (intended for this purpose), reducing demands, and implementing management actions.

In conclusion, long-term water demands associated with the project are generally accounted for in regional water supply plans and, although regional water shortages may occur in the area during the project's lifetime, such conditions may occur regardless of the proposed solar development.

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Appendix A

DWR Guidebook for Implementation of Senate Bill 610

The Water Supply Assessment (WSA) for the proposed Bellefield Solar Project ("project") was prepared using guidance contained in the California Department of Water Resources' (DWR) Guidebook for Implementation of Senate Bill (SB) 610 and SB 221 of 2001 (DWR Guidebook). The California DWR prepared the Guidebook to assist water suppliers in preparation of the water assessments and the written verification of water supply availability required by SB 610 and SB 221; the DWR has no regulatory or permitting approval authority concerning water assessments or verifications of sufficient water supply, and provides the Guidebook purely as an assistance tool (DWR 2003). The following table provides a detailed description of how the DWR Guidebook was used in preparing the project's WSA.

Table A-1 Aratina Solar Energy Project WSA - Consistency with DWR Guidelines

Guidelines Section Number and Title (DWR, 2003)	Guidelines Direction	Relevant WSA Section and Response
Section 1 (page 2). Does SB 610 or SB 221 apply to the proposed development?	Is the Project subject to SB 610? Is the Project subject to CEQA (Water Code §10910(a))? If yes, continue.	WSA Section 3.1 Yes, the project subject to CEQA.
	Is it a "project" as defined by Water Code §10912(a) or (b)? If yes, to comply with SB 610 go to Section 2, page 4.	WSA Section 3.2 Yes, the project is considered to meet the definition of "project" per Water Code §10912(a) or (b).
	Is the project subject to SB 221? Does the tentative map include a "subdivision" as defined by Government Code §66473.7(a)(1)? If no, stop.	No, the project does not include a "subdivision;" SB 221 does not apply to the project, and no further action relevant to SB 221 is required.
Section 2 (page 4). Who will prepare the SB 610 analysis?	Is there a public water system ("water supplier") for the project (Water Code § 10910(b))? If no, go to Section 3, page 6.	WSA Section 3.3 No, there is no public water system for the project.
Section 3 (page 6). Has an assessment already been prepared that includes this project?	Has this project already been the subject of an assessment (Water Code §10910(h))? If no, go to Section 4, page 8.	No, the project has not been the subject of an assessment.
Section 4 (page 8). Is there a current Urban Water Management Plan?	Is there an adopted urban water management plan (UWMP) (Water Code §10910(c))? If yes, continue. If yes, information from the UWMP related to the proposed water demand for the project may also be used for carrying out Section 5, Steps 1 and 2, and Section 7; proceed to Section 5, page 10 of the Guidelines.	WSA Section 3.4 AVEK, the water wholesaler that provides water to the project area, has an adopted UWMP. Information from the UWMP was used for this WSA.
	Is the projected water demand for the project accounted for in the most recent UWMP (Water Code §10910(c)(2))? If no, go to Section 5, page 10.	WSA Section 3.4 AVEK's current UWMP accounts for solar energy developments within AVEK's service territory.

Guidelines Section Number and Title (DWR, 2003)	Guidelines Direction	Relevant WSA Section and Response
Section 5 (page 10). What information should be included in an assessment?	Step One (page 13). Documenting wholesale water supplies.	AVEK, the water wholesaler that provides water to the project area, has an adopted UWMP. Information from the UWMP was used for this WSA.
	Step Two (page 17). Documenting Supply if Groundwater is a Source*.	The project's water demands may be met with groundwater supplies from the Fremont Valley Groundwater Basin.
	Specify if a groundwater management plan or any other specific authorization for groundwater management for the basin has been adopted and how it affects the water supplier's use of the basin.	WSA Section 4.1 There is an Integrated Regional Water Management Plan (IRWMP) and a Groundwater Management Plan (GWMP) for the project area that assessed conditions in the Fremont Valley Groundwater Basin and were used to inform the WSA.
	The description of the groundwater basin may be excerpted from the groundwater management plan, from DWR Bulletin 118, California's Ground Water, or from some other document that has been published and that discusses the basin boundaries, type of rock that constitutes the aquifer, variability of the aquifer material, and total groundwater in storage (average specific yield times the volume of the aquifer).	WSA Sections 4.1 and 4.2 provide descriptions of the groundwater basin characteristics using available resources, including DWR Bulletin 118.
	In an adjudicated basin the amount of water the urban supplier has the legal right to pump should be enumerated in the court decision.	The project is not located in an adjudicated groundwater basin.
	The Department of Water Resources has projected estimates of overdraft, or "water shortage," based on projected amounts of water supply and demand (basin management), at the hydrologic region level in Bulletin 160, California Water Plan Update. Estimates at the basin or subbasin level will be projected for some basins in Bulletin 118. If the basin has not been evaluated by DWR, data that indicate groundwater level trends over a period of time should be collected and evaluated.	WSA Section 4.1.1 discusses groundwater level trends.
	If the evaluation indicates an overdraft due to existing groundwater extraction, or projected increases in groundwater extraction, describe actions and/or program designed to eliminate the long term overdraft condition.	The evaluation does not indicate an overdraft due to existing groundwater extraction.

Guidelines Section Number and Title (DWR, 2003)	Guidelines Direction	Relevant WSA Section and Response
	If water supplier wells are plotted on a map, or are available from a geographic information system, the amount of water extracted by the water supplier for the past five years can be obtained from the Department of Health Services, Office of Drinking Water and Environmental Management.	Water pumping for the project would not initiate until the onset of construction activities; site-specific historical records are not available.
	Description and analysis of the amount and location of groundwater pumped by the water supplier for the past five years. Include information on proposed pumping locations and quantities. The description and analysis is to be based on information that is reasonably available, including, but not limited to, historic use records from DWR.	Section 4.2.1 addresses available historical groundwater pumping data for AVEK.
	Analysis of the location, amount, and sufficiency of groundwater that is projected to be pumped by the water supplier.	WSA Sections 4.1 and 4.2 discuss location, amount, and sufficiency of groundwater supplies from the Fremont Valley Groundwater Basin.
	Step 3 (page 21). Documenting project demand (Project Demand Analysis).	WSA Section 2.3 Construction of the project would require up to approximately 900 acre-feet of water. Operational water demands, which include water used for fire suppression, solar PV panel washing and concentrate, and operation of the proposed O&M building, would total approximately 200.8 AFY.
	Step 4 (page 26). Documenting dry year(s) supply.	WSA Section 4.3 discusses water supply reliability including during dry year scenarios.
	Step 5 (page 31). Documenting dry year(s) demand.	WSA Section 4.3 discusses water supply reliability including during dry year scenarios.
Section 6 (page 33). Is the projected water supply sufficient or insufficient for the proposed project?		WSA Section 5 summarizes why the identified water supply/supplies are considered sufficient for the project.
Section 7 (page 35). If the projected supply is determined to be insufficient.	Does the assessment conclude that supply is “sufficient”? If no, continue.	WSA Section 5 It is reasonably anticipated that sufficient water supplies are available for the project.
Section 8 (page 38). Final SB 610 assessment actions by lead agencies.	The lead agency shall review the WSA and must decide whether additional water supply information is needed for its consideration of the proposed project. The lead agency “shall determine, based on the entire record, whether projected water supplies will be sufficient to satisfy	The WSA for the project will be included as part of the Draft EIR for the project. Per SB 610, the lead agency will approve or disapprove a project based on a number of factors, including but not limited to the water supply assessment.

Guidelines Section Number and Title (DWR, 2003)	Guidelines Direction	Relevant WSA Section and Response
	the demands of the project, in addition to existing and planned future uses."	